Catalog Home

The Goodwin University Academic Catalog contains everything you need to know about our programs and courses. In addition, you'll find helpful information about admissions and registration, student services, tuition and fees, academic requirements, and more.

Goodwin University

A Student-Centered Baccalaureate Institution of Higher Education

One Riverside Drive · East Hartford, CT 06118

(860) 528-4111

(800) 889-3282

Accredited by

The New England Commission of Higher Education

2026-2027

Three ways to locate information

#1: Type what you are looking for in the "Catalog Search" box, located at the top left of this page.

#2: Click on "Advanced Search" to look for specific courses and/or programs.

#3: Choose from the navigation bar along the left side of the page.

Degree Planner

The Degree Planner link allows you to see, save, and/or print all the information about your program of study in a condensed, printable format. To access it, navigate to any program and click the Degree Planner link at the top right of the page.

Create Your Personal Portfolio

The My Portfolio feature allows you to save information in your own personal folder so you can go directly to it!

1. Click on the My Portfolio link at the bottom of the left navigation bar.
2. If you are a new user, click Create an Account. You'll type your email address and password. If you choose not to create an account, your information will only be saved until you close the catalog.

3. Then use the left navigation bar or the search box to find what you are looking for in the catalog.
4. When you want to save a section, click the My Portfolio link at the top right of the page.
5. Your saved material will be there the next time you go to your portfolio.

Need help?

If at any point you have questions about how to navigate this catalog, just click on the Help link at the top right of the page.

Education Malpractice Doctrine

In the event an act of God, public health emergency or other exceptional incident occurs which compromises the function of Goodwin University and results in the suspension of its operations and/or programs, the University will process refunds to its students for programs, activities, and fees as it deems appropriate. In consideration of such a process, the University will adhere to applicable laws and regulations at the time of the incident in consideration. Any decision made to suspend Goodwin's operations and programs will be decided upon by Goodwin University leadership.

Welcome

WELCOME...

to Goodwin University's 2026-2027 academic catalog. As a university committed to access, innovation, and student-centered learning, the past year brought meaningful recognition for our ongoing dedication to making higher education more inclusive and equitable for every learner. We were proud to be named by Newsweek as the #1 Best College for Women in Connecticut and #32 in the nation - an acknowledgment of our steadfast mission to provide safe, supportive, and accessible pathways to rewarding careers.

This year, that mission has also brought first-generation students into sharp focus. These students represent more than half of the learners who shape our community and reinforce our identity as an institution designed to provide non-traditional students access to education and opportunity. Their resilience, ambition, and diverse perspectives strengthen our campus and reinforce our belief that education should be transformative, inclusive, and responsive to the lives of those we serve.

We have long maintained that higher education cannot continue "business as usual" if we are to effectively serve 21st-century learners. The demands of the workforce have increased, as has the range of skillsets required to secure personally satisfying and financially rewarding careers.

As they enter the workforce, today's learners will often be called upon to assume leadership roles. We believe that the Goodwin community is an ideal place to grow as a person as well as a

professional. With our history as a pathway into the helping professions, we firmly believe that our community makes a positive difference in the world, especially for those who most need our help.

Today's learners need more agency, not only in what they study, but in how they study. They are realizing that each academic journey is unique, and the more options they have before them, the better they can act as true self-advocates for their future successes. As president of Goodwin University, I am incredibly heartened and inspired by this culture of purpose-focused learning, and I am so honored that you have chosen to join us.

Sincerely,

Mark Scheinberg

President

About Us

Goodwin University is proud of its remarkable legacy of creating educational opportunities for the past quarter of a century. It has grown from a business technology training center, to an accredited baccalaureate college, to a re-imagined, community-based university comprising three schools of academic focus: the School of Applied Liberal Arts and Social Sciences, the School of Business, Technology, and Advanced Manufacturing, and the School of Nursing and Health Professions.

Accredited by the New England Commission of Higher Education (NECHE), Goodwin has reached an impressive series of milestones, including the creation of one of Connecticut's leading nursing programs, the development of robust advanced manufacturing and continuing education programs, approval to grant bachelor's and master's degrees, and the development of a vibrant campus and neighborhood along the Connecticut River. Adding to campus life is the ever-growing Goodwin Magnet School System, which includes the Riverside Magnet School (pre-K to grade five), the Connecticut River Academy (grades six to 12), and the newly opened RiverTech at Goodwin University (grades nine to 12). RiverTech students are currently learning in temporary classrooms while construction progresses on the new building, located at the south end of campus.

In recent years, Goodwin University has furthered its commitment to helping first-generation students achieve their professional goals. By strengthening academic programming and student support services, the University continues to create welcoming, accessible, and career-focused educational opportunities for those historically underrepresented in higher education. This dedication shapes Goodwin's identity as an institution devoted to empowering learners, expanding the local workforce, and fostering long-term success for students and the communities they serve.

Central to the Goodwin mission, first and foremost, is service to students. In that spirit, Goodwin has embraced Universal Design for Learning (UDL) as its central teaching philosophy, removing

traditional obstacles to learning and rethinking the ways that all learners are able to demonstrate their knowledge and comprehension. UDL has proven incredibly successful, leading to the establishment of the Goodwin Institute for Learning Innovation, with schools nationwide looking to the University for visionary thinking in education.

Mission

The mission of Goodwin College is to educate a diverse student population in a dynamic environment that aligns education, commerce, and community. Our innovative programs of study prepare students for professional careers while promoting lifelong learning and civic responsibility. As a nurturing college community, we challenge students, faculty, staff, and administration to fully realize their highest academic, professional, and personal potential.

Purpose

1. To create a dynamic educational environment that prepares for and advances students in professional careers while developing an appreciation for the humanities, arts, and sciences.
2. To educate students in an environment that celebrates diverse cultures, ages, experiences and opinions.
3. To refine methods that support and retain undergraduate and graduate students.
4. To adapt our programs to the changing needs of our student body, the workforce, and society.
5. To enrich our local and global communities by forming and sustaining collaborative relationships that create educational, economic, and cultural benefits.
6. To assist our graduates with identifying and securing professional opportunities.
7. To provide students with frameworks for making ethical decisions and conducting themselves with professional integrity.

Institutional Learning Outcomes

Goodwin University nurtures students' aspirations, personally and professionally, while promoting lifelong learning and civic responsibility. Through their coursework and time involved with the Goodwin community, students develop self-awareness, resilience, and an ethical framework that suits their goals. Combined with discipline-specific skills and knowledge, students discover and create their best career path, because being career-ready is the ultimate goal.

We view career readiness as a student's ability to think critically, communicate professionally, and collaborate effectively. These essential attributes of today's workforce are reinforced throughout Goodwin's curriculum and student experience to ensure that, upon graduation, students will be able to:

Think Critically

Goodwin University believes that critical thinkers possess curiosity and self-awareness and apply ethical frameworks in their chosen field. As a component of Career Readiness, critical thinking is a dynamic and complex process that is unique to each student's experience and career ambitions. Our graduates are confident and embrace intellectual risk-taking as they pursue their chosen profession.

Our graduates:

- Explain problems clearly and comprehensively
- Evaluate sources for credibility and bias
- Develop innovative solutions

Communicate Professionally

Goodwin University graduates share and communicate ideas through various methods. They accomplish this by assessing the needs of their audience and adapting their approach accordingly. Graduates engage across cultural backgrounds and experiences to foster understanding and meaningful change.

Our graduates:

- Know their audience and context
- Construct a compelling message
- Apply appropriate communication methods

Collaborate Effectively

Goodwin University graduates collaborate, which is essential to success in today's workplace. Our graduates can work with individuals from diverse experiences, roles, and organizations. They build constructive relationships, embrace shared responsibility, and use interpersonal and teamwork skills to pursue a shared goal.

Our graduates:

- Build constructive relationships
- Work with others to accomplish a shared goal
- Share responsibility with others

Diversity, Equity, Inclusion, and Belonging Statement

Goodwin University works towards an inclusive learning environment where all members of the Goodwin community are treated with respect and dignity. We strive towards universally designed learning environments that are equitable and inclusive. We work to denounce discrimination of any form and maintain a collaborative community with an awareness of global perspectives on social justice.

University Hours

The Admissions and Administrative personnel are typically available from 8:00 a.m. to 7:00 p.m. daily, with some offices closing at 3 p.m. on Fridays, and on 'select Saturday hours' prior to semester starts from 9:00 a.m. to 1:00 p.m. Holiday hours vary and are posted on the University website.

Cancellation of Classes Due to Inclement Weather or Other Emergencies

The administration carefully considers student safety, weather reports, and the ability to clear campus parking when deciding on inclement weather closings. Every effort is made to post closings by 7 a.m. for day classes and 3 p.m. for evening classes, but allowances must be made for changing weather and road conditions.

In the event of snow or inclement weather, information about plans for the day will be communicated via:

- Goodwin University homepage
- Facebook
- Instagram
- Listings on local television news stations
- Campus emergency notification system

When classes are canceled, individual faculty members may opt to conduct class online or hold a scheduled make-up session. Students are responsible for checking Canvas and their Goodwin email regularly, particularly on days when classes are canceled, to learn of any alternate arrangements. If a canceled class is rescheduled, a student who is unable to attend will not be penalized for non-attendance but is still responsible for the work missed.

Accreditation and Approvals

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Institutional Accreditation Statement

Goodwin University is accredited by the New England Commission of Higher Education (NECHE) (formerly the Commission on Institutions of Higher Education of the New England Association of Schools and Colleges, Inc.).

Accreditation of an institution of higher education by the Commission indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the Commission is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the accreditation status by the Commission should be directed to the Office of Institutional Effectiveness at Goodwin University. Individuals may also contact:

New England Commission of Higher Education
301 Edgewater Place, Suite 210
Wakefield, MA 01880
(781) 425-7785
info@neche.org

Programmatic Accreditation

Dental Hygiene, Associate in Science

The Goodwin University Dental Hygiene program is accredited by the Commission on Dental Accreditation, a specialized accrediting body recognized by the United States Department of Education. The Goodwin University Dental Hygiene program has been granted accreditation status as: Approval without reporting requirements. This accreditation classification is granted to an educational program to indicate that the program achieves or exceeds the basic requirements for accreditation. The Commission on Dental Accreditation can be contacted at (312) 440-4653 at 211 East Chicago Avenue, Chicago, IL 60611, http://coda.ada.org/.

Funeral Service, Associate in Science

The Funeral Service associate degree program at Goodwin University is accredited by the American Board of Funeral Service Education (ABFSE), 992 Mantua Pike, Suite 108, Woodbury Heights, NJ 08097, (816) 233-3747, www.abfse.org.

National Board Examination pass rates, graduation rates and employment rates for this and other ABFSE-accredited programs are available at www.abfse.org. To request a printed copy of this program's pass rates and graduation rates, contact Goodwin University, Funeral Service program, One Riverside Drive, East Hartford, CT or by e-mail at JGomes@goodwin.edu or telephone (860) 913-2189.

Medical Assisting, Certificate

The certificate program in Medical Assisting at Goodwin University is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Medical Assisting Education Review Board (MAERB). Commission on Accreditation of Allied Health Education Programs, 9355 113th St. N. #7709, Seminole, FL, 33775, (727) 210-2350, www.caahep.org.

Nursing, Certificate

The Practical Nursing program at Goodwin University is offered in East Hartford, Connecticut and Bridgeport, Connecticut and is approved by the Connecticut State Board of Examiners for Nursing (BOEN). For more information on approved programs, please visit the BOEN website.

Nursing, Associate in Science

The Associate Degree Nursing program at Goodwin University at the campus located in East Hartford, Connecticut is accredited by the Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326, 404-975-5000.

The most recent accreditation decision made by the ACEN Board of Commissioners for the Associate Degree nursing program is Continuing Accreditation. View the public information disclosed by the ACEN regarding this program at https://www.acenursing.org/search-programs.

Nursing, Bachelor of Science

The baccalaureate degree program in nursing (RN-to-BSN and ABSN) at Goodwin University is accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street, NW, Suite 750, Washington, DC 20001, 202-887-6791. Goodwin University is a member of the State Authorization Reciprocity Agreement (SARA) and therefore can offer our RN-to-BSN program to residents of other SARA states.

The RN-to-BSN program was granted initial accreditation by the Commission on Collegiate Nursing Education (CCNE) in February 2016. As of February 10, 2021, the accreditation was renewed for 10 years, extending to December 31, 2031. The ABSN program, which was offered for the first time in Fall 2019 per CCNE is included under this initial BSN accreditation. The next evaluation visit is scheduled for Spring of 2031.

Graduates from the Associate in Nursing program at Goodwin University only may be admitted to the RN-BSN track and take NUR 303 (formerly NUR 300) and NUR 312 (formerly NUR 310) without an RN license. This policy became effective for the April 2020 graduates.

Nursing, Master's of Science

The master's degree program in nursing (MSN, FNP, PMHNP) at Goodwin University is accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street NW, Suite 750, Washington, DC 20001, 202-887-6791. CCNE last granted accreditation to the master's degree program in nursing at Goodwin University for 5 years, extending to June 30, 2030. The next on-site evaluation is scheduled to take place in fall of 2029.

Radiography, Associate in Science

The Radiography Associate in Science program at Goodwin University located at One Riverside Drive, East Hartford, CT 06118 is pending initial accreditation by the Joint Review Committee on Education in Radiologic Technology (JRCERT) located at 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182, 312-704-5300, www.jrcert.org.

The JRCERT accredits radiography programs in the United States. The JRCERT utilizes a series of Standards for an accredited program in Radiography and requires programs to provide assurances that it can continue to meet accreditation standards. The JRCERT accreditation process offers a means of providing assurance to the public that a program meets specific quality standards. The accreditation process not only helps to maintain program quality but stimulates program improvement through outcome assessment.

Respiratory Care, Associate in Science

The Respiratory Care Associate in Science program at Goodwin University, program number 200505, located at One Riverside Drive, East Hartford, CT 06118 is accredited by the Commission on Accreditation for Respiratory Care (CoARC) located at 264 Precision Blvd, Telford, TN 37690, 817-283-2835, www.coarc.com. When making inquiries, please refer to program #200505.

CoARC accredits respiratory therapy education programs in the United States. To achieve this end, it utilizes an 'outcomes based' process. Programmatic outcomes are performance indicators that reflect the extent to which the educational goals of the program are achieved and by which program effectiveness is documented. Programmatic outcomes can be viewed here: https://coarc.com/students/programmatic-outcomes-data/.

Student Affairs

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- Counseling and Wellness Center

The Department of Student Affairs (DSA) aims to enrich the overall student experience while at Goodwin University. Its overarching goal is to foster student involvement in areas ranging from counseling and wellness to student engagement. Additionally, DSA seeks to aid students in making meaningful connections between the material learned in the classroom and the various leadership opportunities afforded to them throughout their time at Goodwin. DSA strives to meet the basic needs for University life and create a positively impactful campus environment.

More information about these resources can be found on the Student Affairs website.

Orientation

All new students must plan to attend one of the mandatory scheduled orientations. New student orientation is designed to provide students with the resources needed to be successful at Goodwin University. During orientation, students meet university administrators, staff and faculty and student leaders, and are provided with valuable information about critical campus services.

For questions regarding orientation, please call 860-913-2043, email orientation@goodwin.edu, or visit the Orientation website for more information.

Academic Success Center

The Academic Success Center (ASC) seeks to promote and foster student learning and development by providing individual and group tutoring for Goodwin's courses.

The ASC will help students identify strategies that enhance their comprehension of concepts, develop critical thinking and study skills, and ultimately improve their ability to successfully complete a course.

The ASC provides consistent support and guidance throughout the learning process and encourages students to be actively involved in their learning. Tutoring is not a substitute for attending class. Students should regularly attend class and come prepared to participate in their learning. Tutoring is available for a variety of subjects; please see the ASC website for a complete list.

In addition to general tutoring, the ASC is focused on developing writing skills. Professional Writing Tutors are available to assist students through the process of writing on a walk-in and appointment basis. Tutors will offer critical feedback about writing, answer questions, and guide students to available resources. Students are encouraged to come into the center to receive assistance, study, work on assignments, and ask questions as they arise. The ASC has computers that students may use anytime it is open.

The ASC also provides testing services for students who have missed an exam in their class or who have accommodations approved by the Office of Disability and Access Services. Students

must get written approval from their professor to utilize the testing center. In addition, students with documented accommodations may have their tests proctored in the testing center. Testing at the Testing Center is available by appointment only.

For questions regarding the ASC, please call 860-913-2090 or visit the ASC website for more information.

Office of Disability and Access Services

The Office of Disability and Access Services (ODAS) collaborates with Goodwin's diverse community to ensure that all aspects of campus life - learning and working - are universally accessible. ODAS provides resources, education, and direct services so that Goodwin students may have greater opportunities to achieve equity and social justice. ODAS leads the campus community in its commitment to recognizing disability as a valued aspect of diversity, embracing access as a matter of social justice, and designing more welcoming and inclusive environments. ODAS promotes self-advocacy, disability pride, self-determination, and universally accessible design principles so that everyone has full access to institutional life.

The ODAS assists students with disabilities in securing reasonable accommodations and services that will promote success and integration into the University. Goodwin University complies with the mandates created by the Americans with Disabilities Act and Section 504 of the Rehabilitation Act. Students who have a documented disability are strongly encouraged to contact the Disability and Access Service Manager as soon as the student is enrolled so that accommodations are in place on the first day of matriculation. Guidelines and policies are provided to students who request this information.

For questions regarding the Office of Disability and Access Services, please call 860-727-6718, email AccessAbilityServices@goodwin.edu, or visit the ODAS website for more information. For concerns regarding the Office of Disability and Access Services, please contact the University's ADA/504 Coordinator, Alden Minick, J.D., at aminick@goodwin.edu.

Career Services

Career Services assists students and alumni develop professionally as they continue their journey toward their chosen career. The mission of Career Services is to support and empower Goodwin University students in developing, evaluating, and effectively implementing their career plans. To fulfill this mission, Career Services assists and along with other resources provides opportunities for students to become the best possible career-ready candidates.

Students are encouraged to develop relationships with a career specialist early in their academic careers. Our specialists assist students with every stage of the career-planning process. We offer a variety of information and resources to help students and alumni achieve their career goals including:

- Individualized career counseling
- Interest inventories and assessments to help relate their strengths to career objectives
- Career workshops and "Lunch & Learns" (examples - résumé and cover letters, mock interviews, job-search skills, and networking)
- Assistance with internship opportunities
- Job listings for off-campus employment
- Recruitment activities including on-campus interviews and career fairs
- Additional career planning and research resources

Although every effort is made to assist graduates in securing employment, no guarantee or representation of placement is made or implied.

For questions regarding Career Services, please visit the Student Affairs suite at the Main Campus, email careerservices@goodwin.edu, or visit the Career Services website for more information.

Counseling and Wellness Center

The mission of the Counseling and Wellness Center is to provide students with opportunities for personal, emotional, and academic development and to help guide them toward successful completion of their education. These services are confidential and offered at no cost to our students.

Our therapists will:

- Provide a safe and nurturing environment where students can identify and align their personal and academic goals.
- Collaborate with faculty and staff to help students develop self-knowledge, strategies, and coping skills necessary to succeed personally, academically, and professionally.
- Provide individual counseling for any issue including, but not limited to, navigating life's hardships, interpersonal relationships, and loss of loved ones. Our therapists are also skilled at being in conversations about navigating the effects of violence, traumatic experience and substance use.

Students who use these services will enjoy a one-on-one relationship with a counselor. Group sessions are also formed throughout the year on an as needed basis. Referrals to the counselor can be made by faculty, staff, or self-referral. Every referral remains confidential.

For questions regarding the Counseling and Wellness Center, please email counselingcenter@goodwin.edu or visit the Counseling and Wellness Center website for more information.

Student Engagement and Leadership

The University offers a broad array of student activities and recreational opportunities. Goodwin ensures that its diverse student body has numerous opportunities for enhancing growth and development.

The goals of the student organizations are:

- To ensure that the educational potential of the co-curricular experience is realized;
- To facilitate cohesion and social interaction;
- To enable students to maximize their university experience;
- To instill a sense of civic responsibility; and
- To help students harness transferable leadership skills.

Students are encouraged to organize activities that provide leadership, enrichment, leisure, and fitness. Some of the special interest organizations are affiliated with academic departments. Recreational opportunities may include, based on student interest, men's and women's basketball, flag football, soccer and Dragon Boat Racing. There are various annual events that take place which bring students and their families to campus. Students regularly present ideas for new activities and events that help to guide and direct our engagement programming.

The University has a Beta Rho Delta Chapter of Phi Theta Kappa International Honor Society, which recognizes and encourages student scholarship. The advisor confers membership on selected students who meet the criteria for eligibility to this distinguished organization. The inductees are expected to maintain their academic performance and to contribute to the institution through service-learning activities.

For questions regarding student engagement, call 860-913-2160, email getengaged@goodwin.edu, or visit the student engagement website for more information.

Veterans Services

Goodwin University is listed among the top military-friendly colleges and universities in the United States, identified for providing educational benefits and resources tailored to the military community. We celebrate the service of American veterans by seeking to meet their need for career-focused programs that can be completed by taking advantage of our flexible scheduling options.

The office of the Veterans Coordinator is located in the Veterans OASIS at the Main Campus. Our mission is to assist veterans, service members, and dependents with the transition from military to student life at Goodwin University. We encourage you to contact us with any questions you may have.

For questions regarding Veterans Services, call 860-913-2010, email veterans@goodwin.edu, or visit the Veteran's Services website for more information.

For questions regarding the School Certifying Official, email registrar@goodwin.edu.

Allowing Veterans to Attend or Participate in Courses Pending VA Payment

Section 103 of Public Law (PL) 115-407, 'Veterans Benefits and Transition Act of 2018,' amends Title 38 US Code 3679 by adding a new subsection (e) that requires disapproval of courses of education, beginning August 1, 2019, at any educational institution that does not have a policy in place that will allow an individual to attend or participate in a course of education, pending VA payment, providing the individual submits a certificate of eligibility for entitlement to educational assistance under Chapter 31 or 33.

Pending Payment Compliance

In accordance with Title 38 US Code 3679(e), Goodwin University adopts the following additional provisions for any students using Vocational Rehabilitation & Employment (Ch. 31) or Post-9/11 G.I. Bill® (Ch. 33) benefits, while payment to the institution is pending from VA.

Goodwin University will not:

- Prevent the student's enrollment;
- Assess a late penalty fee to the student;
- Require the student to secure alternative or additional funding;
- Deny the student access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students may be required to:

- Submit their Certificate of Eligibility (COE) by the first day of class.

Hoffman Family Library

Facility and Staff

The Hoffman Family Library serves Goodwin University's faculty and students through its initiatives in embedded librarianship, information literacy, event programming, and by providing access to its academic collections.

Located in Goodwin University's main campus building, the library operates six days a week and offers instructional help both in-person and online through its chat system. Members of Goodwin's community are encouraged to check the library's website for our regular hours of operation, which may be extended during exam weeks.

In adopting a philosophy of "space as place," the library strives to accommodate different learning needs by providing areas for quiet and collaborative learning. Individual study rooms are

accessible for reservation on a first-come, first-served basis. Students can also enjoy access to the library's desktop computers, all of which offer Microsoft Word, PowerPoint, Excel, and Lockdown Browser. Laptops are available for in-house use only.

Librarians are actively engaged in teaching information literacy skills and partner with faculty to create subject-area LibGudes and embedded learning modules in Canvas that instruct students in the use of key databases and information appraisal. These activities are designed to strengthen critical thinking and encourage life-long learning. In collaboration with the Center for Teaching and Excellence, the library has a lead role in open education resources (OER) adoption.

Collections and Services

The library holds over 10,000 print books and other physical items such as anatomical models, calculators, and microscopes. While a tailored selection of print items is accessible, most scholarly content is accessible online through the library's academic subscriptions.

These academic subscriptions are available to all students, faculty and staff and can be accessed through the library's website. Databases provide over 260,000 eBooks, 55,000 journals, and thousands of other resource types including digital anatomical models and evidence-based practice care sheets. These resources collectively serve the teaching and learning needs of Goodwin University and help to meet the accreditation requirements of its degree programs. The decision to select and cancel resources is informed by usage analyses, curriculum alignment, cost, and faculty feedback. The University's Provost, in consultation with the Director of Library Services, governs all significant collection development decisions.

Interlibrary lending (ILL) is an auxiliary service that provides access to items not held in the library's collection. Students and faculty may request borrowed items through the library's SingleSearch discovery system.

Professional Memberships

The Hoffman Family Library holds membership in state and national consortia. Membership qualifies the library for favorable pricing on subscriptions along with interlibrary lending privileges.

- Council of Connecticut Academic Library Directors (CCALD)
- Connecticut Library Consortium (CLC)
- Lyrasis

In addition, students enrolled in the University's Funeral Services program are eligible for benefits through the library's membership in regional and national organizations.

- National Funeral Directors Association
- Connecticut Funeral Directors Association
- Cremation Association of North America

Flagship Collection

Goodwin University's Flagship collection is an online repository that highlights university scholarship of various types: journal articles, dissertations, theses, creative writing, and professional presentations. Goodwin faculty, staff, and students are welcome to preserve eligible works in this repository. The Flagship collection also contains an online archive of historical materials related to the University.

Educational Opportunities through the Hartford Consortium

Goodwin University is a proud member of the Hartford Consortium for Higher Education, a partnership among several local institutions, including Connecticut State Community Colleges, Hartford International University for Religion and Peace, University of Connecticut - Hartford, University of Hartford, University of Saint Joseph, and Trinity College.

Through this program, Goodwin students can enroll in liberal arts courses not offered at Goodwin at no additional cost beyond full-time tuition (note: some courses may incur additional fees). Enrollment is available on a space-available basis only.

The other members of the Hartford Consortium are:

- Asnuntuck Community College
- Capital Community College
- Hartford International University for Religion and Peace
- University of Saint Joseph
- Trinity College
- University of Connecticut-Greater Hartford Campus
- University of Hartford
- Manchester Community College
- Middlesex Community College
- Tunxis Community College

For more information on cross-registration, please view our website: https://www.goodwin.edu/registrar/ghche.

Campus Security Act Information

Goodwin University adheres to the State of Connecticut Campus Security Act, Public Act 90-259, Connecticut Gen. Stat 10a-55, and the Jeanne Clery Act. We take all reports of criminal or inappropriate conduct very seriously and fully investigate them. All verified cases of on-campus crime, as stipulated by these acts, are collected by the Director of Campus Safety and Security under the guidance of the Senior Vice President for Enrollment, Marketing and Communications and documented in an annual Campus Security Report. The report is available to all current and

prospective students and staff upon request. It is on file in the Hoffman Family Library and in the Student Affairs Office and is distributed to the campus community via email each year. It may also be found on Goodwin University's web site.

Admissions

General Admission Policy

Prospective students are encouraged to call the Enrollment Office to schedule an appointment with an admissions officer and visit the campus.

Goodwin University has an open enrollment policy; however, a personal interview with an admissions officer is required for all interested applicants. Acceptance into the University requires the attainment of a high school diploma, General Education Development (GED) diploma, High School Equivalency Test (HiSET), or equivalent and successful completion of the interview. Admission into the University does not guarantee admission into programs with selective admission requirements. After acceptance into the University and successful completion of all prerequisites, students may apply to the selective admission programs.

Prior to registration, questionnaires for English and Math will be administered to incoming students enrolling into degree programs and most certificate programs. Matriculating students entering with an associate degree or higher from another accredited institution are exempt from the questionnaires. Transfer students meeting the program requirements for English and mathematics are exempt from the questionnaires.

Admission Requirements

Applicants to Goodwin University are required to:

- Interview with an admissions officer.
- Complete an Application for Admission to the University.
- Pay the $50 non-refundable application fee.
- Arrange to complete the English and Math questionnaires prior to registration, if required. For further information, see individual program pages.

All applicants will be informed of their acceptance or denial within two weeks of application.

Once enrolled for classes, students are required, for data collection and research, to:

- Submit an official high school, GED, HiSET or equivalent transcript before the end of the first semester of enrollment. All prospective students fill out a high school transcript or GED request form upon enrollment or request an online transcript from their school. Goodwin University will send this form to the appropriate high school, adult education program, or state GED/HiSET agency. The university will assist students in attempting to obtain an official high school, GED or HiSET transcript before the end of the first

semester of enrollment. If an official high school, GED or HiSET transcript (or equivalent) is not received by the end of the first semester, Goodwin University will place a hold on the student's account. Students will not be able to register until an official transcript is received.

- Home-schooled students must provide one of the following, depending on their state of residence:
    - In a state that provides certification, that certification will be accepted in lieu of a high school transcript.
    - In states that do not provide certification, students must provide a transcript or the equivalent, signed by the student's parents or guardian, that lists the secondary school courses the student completed as acceptable documentation of the student's successful completion of a secondary school education in a home school setting.
    - Home schooled students who have successfully completed a minimum of an associate degree are not required to submit high school transcripts or certification, but must provide a copy of their official transcript from the institution that issues the degree.
- Submit documentation of measles, mumps, rubella, and varicella (chicken pox) immunization/immunity at time of registration, as required. Any student who is not compliant will have a hold placed on all future registration of classes until the documentation is received.

Non-Matriculated Students

Applicants may enroll in courses in a non-matriculated status. Non-matriculated students may take up to 12 credits before matriculating at Goodwin University. This does not apply to students enrolled in the Early College program.

Re-admission

Former Goodwin University students who wish to re-enroll must apply for re-admission through the Admissions Office.

Applicant Advising

Goodwin University helps students achieve their academic and career goals by fostering partnerships between students and faculty, and by providing them with accurate information regarding registration, academic planning, and college policies. Placement evaluations and school records help to build student profiles that are used to assist students with the process of course selection and degree planning. The initial applicant advising contributes to the success of each student by establishing a plan of study for all new students and creating an academic planning

document. During the admissions process, students meet with an applicant advisor to design a plan of study, select courses, and register for the first semester.

International Students

The university website provides prospective and enrolled international students with information on academic programs and student services available at the university and in the local community. Admission requirements for international students differ from domestic student requirements. For complete instructions, contact the Admissions Team.

Among the admission requirements are proof of English proficiency, a Certificate of Finances, and translated or evaluated academic secondary and/or relevant university level transcripts. International students may attend Goodwin University on an F-1 student visa. The University will issue the student an I-20 form once all the appropriate paperwork and fees are submitted. International students are not eligible to receive any federal or state aid to offset their tuition and fees.

Enrollment requirements include proof of immunization, mandatory enrollment in Goodwin University's health insurance program and official transcripts upon arrival to the university. Additionally, the course registration process begins once payment is processed and students have completed their mandatory orientation. Additional placement testing may occur at this time. Undergraduate students must be enrolled full-time - for 12 credit hours every semester - unless there are documented and approved circumstances that require a reduced course load. International students must maintain their F-1 status and demonstrate satisfactory academic progress toward their degree. The University webpage provides extensive information for students to refer to throughout their academic career.

Selective Admission Programs

The following programs have selective admission requirements:

1. Accelerated BSN, Bachelor of Science
2. Dental Hygiene, Associate in Science
3. Funeral Service, Associate in Science
4. Medical Assisting, Associate in Science
5. Medical Assisting, Certificate
6. Medical Billing and Coding, Certificate
7. Nursing, Associate in Science
8. Respiratory Care, Associate in Science
9. RN-to-BSN Program - Bachelor in Science
10. Radiography, Associate in Science
11. Practical Nurse

Admission to these programs requires the completion of a special application as well as fulfilling all the requirements for admission as listed in the catalog. Please reference the individual program pages for complete admission requirements.

Transfer Students

Students may transfer into Goodwin University for any term. In addition to the admission policy noted above, and before completing their first semester, transfer students are requested to have all previously attended collegiate institutions submit official transcripts to: Registrar's Office, Goodwin University, One Riverside Drive, East Hartford, CT 06118. The Registrar's Office will evaluate the transcripts and once the evaluation is complete, students will be able to view their transfer credit through their student portal and their degree audit.

All Applicant Requirements for Graduate Students

Applicants to Goodwin University's graduate programs are required to:

- **Complete** a graduate application for admission.
- **Pay a $50 non-refundable application fee** (waived for Goodwin University graduates as well as all Master's in Public Health (MPH) applicants).
- **Provide a professional resume**.
- **Submit proof of immunization** (measles, mumps, rubella, and varicella).
- **Submit an official transcript** verifying receipt of a bachelor's degree from a college or university accredited by an accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) or the equivalent of this degree from another country with a Cumulative GPA of at least a 3.0. To be accepted as official, the transcript must be received by Goodwin University from the issuing institution in either a sealed, unopened envelope that bears the seal of the college or university or via an accepted secure electronic delivery method. Goodwin University cannot accept official transcripts via fax or email, regardless of the source. Goodwin University degree holders do not need to submit Goodwin University transcripts.
    - If an unofficial transcript is submitted, an official transcript conferring receipt of a bachelor's degree from a college or university accredited by an accrediting agency recognized by CHEA must be received by Goodwin University before the beginning of the student's second semester. It is the student's responsibility to ensure that an official transcript is on file before the beginning of their second semester. Falsifying or omitting information may result in administrative withdrawal and/or disciplinary actions. Students for whom an official transcript is not submitted to Goodwin University may be withdrawn from the program.

- Once the University receives official transcripts, those transcripts are covered under provisions of applicable federal and state laws and regulations and cannot be returned to the student or forwarded to other educational institutions.

Submission of Transcripts

Official transcripts can be mailed to:
Goodwin University
Office of the Registrar
One Riverside Drive
East Hartford, CT 06118

For expedited submission of official transcripts, students may bring official/sealed envelopes in person to the Registrar's Office, which is located on the 1st floor of One Riverside Drive.

Applicants with a CGPA less than 3.0 may apply for conditional acceptance. See Conditional Admission.

Conditional Admission for Graduate Students

Applicants with less than a 3.0 undergraduate CGPA may be considered for conditional admittance into the program under certain circumstances. If interested in pursuing this option, the applicant must submit an essay describing the circumstances that would allow success in a graduate program without regard to the undergraduate CGPA. Examples include, but are not limited to, a description of additional work or life experience since completion of their baccalaureate degree, a steadily increasing CGPA from their freshmen to senior year in college, a discussion of successful grades in their major, etc. This information will be reviewed by the program director and, if the review recommends admission, the student will be conditionally admitted into the program.

Students who are conditionally admitted must demonstrate a CGPA of at least 3.0 at the end of the first two courses. Students who achieve a CGPA of at least 3.0 after the second course will no longer have conditions placed on their admission and will then be subject to the University's standard Satisfactory Academic Progress and withdrawal policies as outlined in the institutional catalog. Students who fail to obtain a CGPA of 3.0 after the second course will be dismissed from the program.

Financial Aid

Financial Aid

Undergraduate Financial Aid

Graduate Financial Aid

The purpose of financial aid is to provide financial assistance to students who would otherwise be unable to attend university. A majority of financial aid, including aid funded through federal and state agencies, is granted on the basis of need. A student's financial need is the difference between the total cost of one academic year (two semesters) of study at the university and the total resources available to the student and, if dependent, to his/her/their family.

Goodwin University's Financial Aid Office is dedicated to giving students the personal attention needed to help them find the financial means to pay for their university education. A variety of financial aid is available to qualified individuals in the form of grants, loans, part-time employment, and scholarships. Some of these funds originate from federal and state agencies and some originate from local government and community-based organizations. Some funds originate from Goodwin University in the form of institutional grants and scholarships. Scholarships and grants do not have to be repaid. Loans have to be repaid. Typically, federal loans are repaid after the student graduates or is no longer enrolled in university.

To apply for financial aid, follow the steps below. Please remember that many scholarships require you to complete the **Free Application for Federal Student Aid (FAFSA)** in addition to the scholarship application.

Step 1: Get a Federal Student Aid (FSA) ID

The FSA ID is a username and password combination that gives you access to Federal Student Aid's online systems. It can also serve as your legal signature. If you don't have an FSA ID by the time you fill out your online FAFSA, you will be prompted to apply for one. Get a head start on that process by creating one at www.studentaid.gov.

Step 2: Complete the FAFSA

Complete the FAFSA annually online at www.studentaid.gov. It becomes available October 1 for aid in the following year. The Goodwin University Federal School Code is: 015833. You will need your 2024 federal tax information for the 2026-2027 FAFSA.

Undergraduate Tuition and Fees

Tuition

Full-time Students (12 to 18* credits per semester)	$10,492/per semester
Accelerated BSN, Bachelor of Science	$13,254/per semester
Three-quarter Time Students (9 to 11 credits per semester)	$7,724/per semester
Half-time Students (6 to 8 credits per semester)	$5,504/per semester

Students taking less than 6 credits per semester	$770/per credit
Collegiate Success Studies (CSS Courses)	$250 each

*Students taking over 18 credits in any semester will be charged $770 for each additional credit.

Fees (Non-refundable)

General Student Fee	$500/semester
Technology Support Fee	$450/semester
Science Lab Fee	$500/course

Course Fees

Science Fees

	BIO 120	$35
	BIO 211	$100
	BIO 212	$100
	BIO 235	$100
	CHEM 101	$70
	SCI 135	$100

Dental Hygiene Fees

Dental Hygiene Lab Fees	DHP 105	$365
	DHP 106	$415

	DHP 110	$415
	DHP 120	$365
	DHP 210	$415
	DHP 220	$365
	DHP 105	$210
	DHP 110	$1,150
Dental Hygiene Clinical Fees	DHP 120	$640
	DHP 201	$30
	DHP 210	$365
Mock Board Exam Fee	DHP 230	$100
Background Check and Drug Testing	DHP 105	$160
Dental Pin	DHP 220	$45
D Check	DHP 105	$15

Funeral Service Fees

Background Check and Drug Testing Fee	FNS 202	$160
Student Membership to Funeral Director's Association	FNS 202	$100
Materials Fee	FNS 205	$225
MorTrqr 6 Month Subscription	FNS 297	$30
Practice National Board Exam	FNS 298	$120
Death Education Assessment Drills (D.E.A.D) Preparatory Exam	FNS 298	$100
NBE Review	FNS 298	$200

FNA Pinning Ceremony Pin	FNS 298	$15
CANA	FNS 220	$150
Embalming Fee	FNS 297	$125

Health Science and B.S. Public Health Fees

Background Check and Drug Testing	HSC 460	$160

Human Services Course Fees

HSR 297	$130
HSR 298	$130
HSR 325	$125

PN Fees

Background Check and Drug Testing	PN 100	$160

Clinical Fees	CPNF 101	$550
	CPNF 102	$550
	CPNF 103	$550
	CPNF 104	$550
	CPNP 101	$550
	CPNP 102	$550
	CPNP 103	$550
	CPNP 104	$550
	CPNP 105	$550

CPNP 106 $550

CPNP 107 $550

CLNF 103 $550

CLNP 103 $550

CLNF 104 $550

CLNP 104 $550

CLNP 105 $550

CLNP 106 $550

CLNP 107 $550

Manufacturing Fees

BMM 101 $365

BMM 110 $300

BMM 125 $365

BMM 135 $215

BMM 175 $275

BMM 183 $40

BMM 190 $75

BMM 240 $75

BMM 241 $75

BMM 275 $275

BMM 276 $275

BMM 285 $75

BMM 289	$200

Math Fees

MATH 125	$125
MATH 135	$110
MATH 137	$125
MATH 147	$125
STAT 167	$110

Medical Billing/Coding Fees

NHA Exam Fee	MCD 220	$130
Background Check and Drug Testing	MCD 299	$165

Medical Assisting Fees

Clinical Fee	MED 151	$550
Practice Assessment Fee and Study Guide	MED 152	$95
Background Check and Drug Testing	MED 153	$165
Exam Fee	MED 299	$170
Medical Assisting Pin Fee	MED 299	$45

Nursing Fees

Nursing Clinical Fee	$950/course	
Background Check and Drug Testing	NUR 100	$160

	NUR 195	$160
	NUR 208	$160
	NUR 210	$160
Shadow Health Fees	NUR 312	$175
	NUR 383	$180
Exxat	NUR 100	$100

Patient Care Associate (PCA) Fees

Prometric CNA Exam	PCA 101	$118
Background and Drug Testing Fee	PCA 103	$160
Internship	PCA 103	$500
Lab Fee	PCA 109	$200
Lab Fee	PCA 112	$200
Lab Fee	PCA 120	$200
Lab Fee	PCA 125	$200

Psychology Course Fees

PSY 112	$120
PSY 212	$120

Respiratory Care Fees

Background Check and Drug Testing	RSP 112	$160

Additional Background Check	RSP 153	$85
Exam Prep Software	RSP 234	$100
NMRC Mock Exam Fee	RSP 234	$120
ACLS Fee	RSP 254	$300
	RSP 112	$750
	RSP 133	$750
	RSP 153	$375
	RSP 154	$750
	RSP 253	$750
	RSP 254	$1,125

Welding Technology Fees

Materials Fee	BMM 151	$550
	BMM 252	$360

Administrative Fees

Official Transcript of Academic Work (additional fees may apply)	$15
Credit by Exam	$100/course
Late Registration Fee	$100
Late Payment Fee	$10
Payment Plan Fee	$40
Returned Check Fee	$25

Fee to retake MSSC credential exam	$55/exam

Portfolio Review

Credit + Portfolio Development and Assessment Fees for one course	$1,000
Portfolio Development and Assessment Fees for each additional course	$500

This schedule of tuition and fees is comprehensive and is expected to prevail during the 2026-2027 academic year. For a more detailed listing of fees by program, please contact the Business Office at 860-727-6784. The Board of Trustees of Goodwin University reserves the right, at any time, to authorize changes.

Refund Policy

Withdrawing from the University

- If a student officially withdraws from the university by submitting the official withdrawal form, either online through Self-Service or in person, prior to the first day of the semester or module, 100% of applicable tuition and fees (less books purchased and program supplies) will be refunded.
- If an attending student officially withdraws from the university by submitting the withdrawal form after the first calendar day of the semester or module, tuition and fees are charged based on the following schedule (including any books purchased and program supplies):

15-Week Course(s):

Week	**Percentage Due**
Week 1	*$200 Processing Fee
Week 2	*$200 Processing Fee
Week 3	*All Fees and 5% Tuition
Week 4	All Fees and 10% Tuition
Week 5	All Fees and 20% Tuition

Week 6	All Fees and 30% Tuition
Week 7	All Fees and 40% Tuition
Week 8	All Fees and 50% Tuition
Week 9	All Fees and 60% Tuition
Week 10 and beyond	All Fees and 100% Tuition

Module 1 / Module 2 Course(s):

Week	**Percentage Due**
Week 1	*$200 Processing Fee
Week 2	*$200 Processing Fee
Week 3	*All Fees and 45% Tuition
Week 4	All Fees and 60% Tuition
Week 5 and beyond	All Fees and 100% Tuition

**Some course fees may or may not be eligible to be refunded, depending on the course material and date of withdrawal.*

Withdrawing from a Course

- If a student officially withdraws from a course(s) by submitting the official withdrawal form, either online through Self-Service or in person, prior to the first day of the semester or module, 100% of applicable tuition and fees for the course(s) withdrawn (less books purchased and program supplies) will be refunded.
- If a student does not establish attendance in any course(s) by the 14th calendar day of the semester or 14th calendar day of the module, the student will be dropped from the course(s) and 100% of applicable tuition and fees for the courses(s) will be refunded. The student will be charged $200 fee per course withdrawn as well as any books or program supplies purchased for each course.
- If an attending student officially withdraws from a course(s) by submitting the official withdrawal form after the 1st calendar day of the semester or module, tuition and fees are charged based on the following schedule (including any books purchased and program supplies):

15-Week Course(s):

Week	Percentage Due
Week 1	*$200 Processing Fee
Week 2	*$200 Processing Fee
Week 3	*All Fees and 5% Tuition
Week 4	All Fees and 10% Tuition
Week 5	All Fees and 20% Tuition
Week 6	All Fees and 30% Tuition
Week 7	All Fees and 40% Tuition
Week 8	All Fees and 50% Tuition
Week 9	All Fees and 60% Tuition
Week 10 and beyond	All Fees and 100% Tuition

Module 1 / Module 2 Course(s):

Week	Percentage Due
Week 1	*$200 Processing Fee
Week 2	*$200 Processing Fee
Week 3	*All Fees and 45% Tuition
Week 4	All Fees and 60% Tuition
Week 5 and beyond	All Fees and 100% Tuition

**Some course fees may or may not be eligible to be refunded, depending on the course material and date of withdrawal.*

Policy Notes

- Refund/returns of Title IV funds are made in accordance with applicable Federal rules and regulations that take precedence over university refund policy;
- Refund policies assume that all charges have been paid in full prior to withdrawal. In some cases, an account adjustment may not entitle a student to an actual refund;
- When a student's accounting ledger indicates a credit balance, not including institutional and/or anticipated funds, a refund will be issued.

Financial Aid/Loan Students

If a student withdraws from the university or a course, he/she may be subject to a financial aid award reduction or cancellation. This can result in a student personally owing money to the university. Students should contact the Financial Aid office before withdrawing.

Appealing Financial Aid/Finance Issues

Students may resolve financial aid/finance-related issues by appealing to the Record Review Committee (RRC). The RRC is comprised of various members of administrative departments at Goodwin University. Students are required to submit their concerns in writing on a Petition Form located on the Registrar's page of the Goodwin University website. Students must include all pertinent documentation to substantiate their claims. The committee meets weekly and will respond to each student's request within thirty (30) days of receiving the petition. If students are not satisfied with the decision of the RRC, they may appeal to the Goodwin University Appeals Board for a final decision. Please note that if a student is appealing a federal student loan that was distributed two or more years ago, the dispute must be submitted to the lender of Department of Education.

Single Course/Workshop Refund Policy

For all single courses and workshops, the university will retain 100% of the tuition once the student has attended class.

Refund Policy for Students Participating in Federal Title IV Student Aid Programs

If a student participates in Federal Title IV Financial Aid, the university will first calculate the Return to Title IV and then apply the Institutional Refund Policy. For those students not participating in Federal Title IV Financial Aid, only the Institutional Refund Policy will apply. Federal Title IV funds include Federal Pell Grants, Federal College Work-Study, Supplemental Educational Opportunity Grants, Direct Loans and Direct PLUS Loans. A student's Title IV monies are adjusted when the student drops a course or earns an NS (no show) grade. An NS

grade does not establish attendance. Each NS grade results in a $200 charge. Title IV Funds cannot be used for this $200 charge.

Return of Title IV Funds: The university must return any unearned portion of monies received under any of the Title IV programs. This calculation is based on the parameters set forth in section 668.22(e)(1) of the Higher Education Act of 1965, as amended. This is a proportional calculation based upon the student's date of withdrawal. Students must attend 60.01% of an enrollment period in order to earn all of their financial aid for the applicable semester. Students will be notified of any balance owed to the university as a result of the refund calculations.

This is a synopsis of the Return to Title IV calculation and not the entire policy. The student may see the entire policy along with work sheets and examples in the Financial Aid Office's Policies and Procedures Manual. Students who withdraw and re-enter are subject to all the regulations and policies in effect at the time of re-entry. We use the midpoint of the period of enrollment and as such, we are following our current refund policy.

Graduate Tuition and Fees

-

Tuition and Fees for Graduate Programs

Tuition for our graduate programs is competitive with other private non-profit universities in Connecticut.

Education, Master of Education (M.Ed.)

Tuition $680 /credit

Nursing, Master of Science (MSN)

Tuition	$949 /credit
General Student Fees	$500 /semester
Technology Fee	$450 /semester

Program Fees

Background Test & Drug Testing	MSN 500	$160
Health Record Fee	MSN 500	$45
Shadow Health Fee	MSN 510, MSN 540, MSN 650, MSN 655	$170
APRN Clinical Fee	MSN 660, MSN 665, MSN 670, MSN 675, MSN 680, MSN 685	$1,450
APEA 3P Competency Bundle	MSN 505	$ 475
APEA Certification Exam Prep Bundle	MSN 698	$ 475

Master of Public Health (MPH)

Tuition		$625 /credit
General Fee		$210
Health Science Program Fee	MPH 501	$100
One-Time Technology Fee	MPH 501	$100
Global Public Health (Study Abroad in Panama)	MPH 508	$1,100

Organizational Leadership, Master of Science (MSOL)

Non-Goodwin University Graduates

Tuition	$765 /credit
General Student Fee	$500 /semester
Technology Fee	$450 /semester

Goodwin University Graduates

Tuition	$660 /credit

General Student Fee	Waived
Technology Fee	Waived

Program Fees (applied to all MSOL students)

MSOL Capstone Fee	OL 695	$100
MSOL Strength Finder Fee	OL 695	$35
MSOL Enneagram Assessment Fee	OL 500	$20

Administrative Fees

Official Transcript of Academic Work: (additional fees may apply)	$15
Late Registration Fee	$100
Late Payment Fee	$10
Payment Plan Fee	$40
Returned Check Fee	$25

This schedule of tuition and fees is comprehensive and is expected to prevail during the 2026-2027 academic year. For a more detailed listing of fees by program, please contact the Business Office at 860-727-6784. The Board of Trustees of Goodwin University reserves the right, at any time, to authorize changes. All fees are non-refundable.

Refund Policy

Withdrawing from the University for Graduate Students

- If a student officially withdraws from the university by submitting the official withdrawal form prior to the first day of the semester or module, 100% of applicable tuition and fees (less books purchased and program supplies) will be refunded.
- If an attending student officially withdraws from the university by submitting the official withdrawal form after the first calendar day of the semester or module, tuition and fees are charged based on the following schedule (including any books purchased and program supplies):

15-Week Course(s):

Week	Percentage Due
Week 1	*$200 Processing Fee
Week 2	*$200 Processing Fee
Week 3	*All Fees and 5% Tuition
Week 4	All Fees and 10% Tuition
Week 5	All Fees and 20% Tuition
Week 6	All Fees and 30% Tuition
Week 7	All Fees and 40% Tuition
Week 8	All Fees and 50% Tuition
Week 9	All Fees and 60% Tuition
Week 10 and beyond	All Fees and 100% Tuition

Module 1 / Module 2 Course(s):

Week	Percentage Due
Week 1	*$200 Processing Fee
Week 2	*$200 Processing Fee
Week 3	All Fees and 45% Tuition
Week 4	All Fees and 60% Tuition
Week 5 and beyond	All Fees and 100% Tuition

**Some course fees may or may not be eligible to be refunded, depending on the course material and date of withdrawal.*

Withdrawing from a Course

- If a student officially withdraws from a course(s) by submitting the official withdrawal form prior to the first day of the semester or module, 100% of applicable tuition and fees

for the course(s) withdrawn (less books purchased and program supplies) will be refunded.

- If a student does not establish attendance in any course(s) by the 14th calendar day of the semester or 14th calendar day of the module, the student will be dropped from the course(s) and 100% of applicable tuition and fees for the course(s) will be refunded. The student will be charged $200 fee per course withdrawn as well as any books or program supplies purchased for each course.
- If an attending student officially withdraws from a course(s) by submitting the official withdrawal form after the first calendar day of the semester or module, tuition and fees are charged based on the following schedule (including any books purchased and program supplies):

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Week 5	All Fees and 20% Tuition
Week 6	All Fees and 30% Tuition
Week 7	All Fees and 40% Tuition
Week 8	All Fees and 50% Tuition
Week 9	All Fees and 60% Tuition
Week 10 and beyond	All Fees and 100% Tuition

Module 1 / Module 2 Course(s):

Week	Percentage Due
Week 1	*$200 Processing Fee

Week 2	*$200 Processing Fee
Week 3	*All Fees and 45% Tuition
Week 4	All Fees and 60% Tuition
Week 5 and beyond	All Fees and 100% Tuition

**Some course fees may or may not be eligible to be refunded, depending on the course material and date of withdrawal.*

Graduate Financial Aid

The purpose of financial aid is to provide financial assistance to students who would otherwise be unable to attend university. A majority of financial aid, including aid funded through federal and state agencies, is granted on the basis of need. A student's financial need is the difference between the total cost of one academic year (two semesters) of study at the university and the total resources available to the student and, if dependent, to his/her/their family.

Goodwin University's Financial Aid Office is dedicated to giving students the personal attention needed to help them find the financial means to pay for their university education. A variety of financial aid is available to qualified individuals in the form of grants, loans, part-time employment, and scholarships. Some of these funds originate from federal and state agencies and some originate from local government and community-based organizations. Some funds originate from Goodwin University in the form of institutional grants and scholarships. Scholarships and grants do not have to be repaid. Loans have to be repaid. Typically, federal loans are repaid after the student graduates or is no longer enrolled in university.

FAFSA for Graduate Students

To apply for financial aid, follow the steps below. Please remember that many scholarships require you to complete the **Free Application for Federal Student Aid (FAFSA)** in addition to the scholarship application.

Step 1: Get a FSA ID

The FSA ID is a username and password combination that gives you access to Federal Student Aid's online systems. It can also serve as your legal signature. If you don't have a FSA ID by the

time you fill out your online FAFSA, you will be prompted to apply for one. Get a head start on that process by creating one at www.studentaid.gov.

Step 2: Complete the FAFSA

Complete the FAFSA annually online at www.studentaid.gov. It becomes available October 1 for aid in the following year. The Goodwin University Federal School Code is: 015833. You will need your 2024 federal tax information for the 2026-2027 FAFSA.

Federal Direct Unsubsidized Loans for Graduate Programs

Graduate students may be eligible for funds under the Federal Direct Unsubsidized Loan program. To determine eligibility, students must:

- Complete a FAFSA
- Be enrolled in a minimum of six credits per semester
- Complete a Direct Loan Master Promissory Note and Entrance Loan Counseling prior to first disbursement. These are completed online at www.studentaid.gov.

An exit interview is required after a student drops below half-time or ceases enrollment. For current interest rates and loan fees; please see www.studentaid.gov.

Federal Direct Graduate PLUS Loan for Graduate Programs

Federal student loan rules are changing as a result of the One Big Beautiful Bill Act (OBBBA), signed into law on July 4, 2025. While many of these changes will take effect **July 1, 2026**, the U.S. Department of Education has not yet released full implementation guidance. Goodwin University is closely monitoring updates and will revise this page as more details become available.

- The Graduate PLUS Loan program will begin to **phase out on July 1, 2026**.
- New borrowers (students who have not borrowed federal loans in their current graduate program) will no longer be eligible.
- If you have already borrowed federal loans for your current graduate program, you may continue to borrow Graduate PLUS Loans for **up to three additional academic years** or until you complete your program, whichever comes first so long as the student maintains continuous enrollment.

To determine eligibility, students must:

- Complete FAFSA
- Be enrolled in a minimum of six credits per semester

- Meet annual maximum loan eligibility under the Federal Direct Unsubsidized Loan Program
- For students with previous Direct Loan borrowing, complete a Graduate PLUS Loan application at www.studentaid.gov and receive approval from the Department of Education
- Complete a Direct PLUS Master Promissory Note and Entrance Loan Counseling prior to first disbursement. These are completed online at www.studentaid.gov.

*Eligibility is contingent upon credit approval after submission of application on www.studentaid.gov. For current interest rates and loan fees, please see www.studentaid.gov.

Scholarships for Graduate Programs

Students are encouraged to search and apply for scholarships. For scholarships specific to graduate students, please see the graduate section of our scholarship webpage.

Federal Work-Study Program for Graduate Students

The Federal Work-Study (FWS) Program provides part-time employment for graduate students who are enrolled in at least 6 credits, have indicated interest and have financial need. The job can be on or off campus. Students may use these funds to offset their educational and personal expenses. Students may work no more than 15 hours per week without special permission to work up to 20 hours per week. Students may not perform their work duties during scheduled class times. Awards are paid directly to the student in the form of a paycheck. For more information, please contact the financial aid office.

Notification of Awards for Graduate Programs

Graduate students are advised of award amounts in their financial aid offer, which are provided online and also given to new students when processing is complete. These financial aid offers are based on information from the FAFSA application, which may be estimated and subject to change. Students are encouraged to view their financial aid offers for the current semester by accessing the Self Service website in Colleague. On the main page, access Financial Aid information, which will outline total charges and gift aid for the entire award year. To view College Financing Plan, please go to Financial Information, Financial Aid, College Financing Service in Self Service. Federal and State awards are not final until the information reported on the FAFSA application has been verified as accurate by the Financial Aid Office. The financial aid offer is for one academic year (2 semesters) and outlines the types and amounts of aid offered. Goodwin University uses passive acceptance processing (accepts all awards on your behalf). If you would like to decline or decrease your Federal student loan amounts, please do so through "My Awards" at the top of this page under Financial Aid Counselor.

In order for your financial aid offer to be credited to your charges, you **must** review and sign your Financial Aid Offer Letter on the Self Service website in Colleague.

The availability of funds from federal and state programs is subject to federal and state appropriations and to changes in federal and state legislation and regulations. When their financial circumstances change, students are expected to notify the Financial Aid Office so that adjustments on the award package can be made. When outside awards are received, the student is required to notify the Financial Aid Office to ensure that these awards are credited to the student and to the aid package where mandated by federal and state law. Students should direct any questions related to financial aid at Goodwin University to the Financial Aid Office. The Financial Aid Office has extensive information on specific financial aid programs and federal and state regulations.

Before adding or dropping a course, transferring programs, withdrawing from a program or beginning a medical withdrawal, students should check with the Financial Aid Office regarding any financial charges or penalties involved.

Questions regarding procedure or awards should be directed to the Financial Aid Office, Goodwin University, One Riverside Drive, East Hartford, Connecticut 06118 (860) 727-6723.

Graduate Satisfactory Academic Progress

All students must maintain Satisfactory Academic Progress (SAP), defined as achieving minimum academic standards, progressing at a satisfactory rate toward program completion, and completing the program of study within the maximum time frame, in order to remain enrolled in the university. Graduate students must earn a Cumulative Grade Point Average (CGPA) of 3.0 and a rate of completion (PACE) of 66.7% throughout the course of their program.

Graduate Program Maximum Time Frame

Maximum time frame is defined as 150% of the length of an academic program, measured in semester hours attempted. For example, using the 150% maximum, students enrolled in a program that is 30 semester hours in length must complete the program with a CGPA of 3.0 and 66.7% rate of completion (PACE) by the time they have attempted 45 semester hours.

If at any point it becomes mathematically impossible for the student to complete his/her program within the maximum time frame, the student will become ineligible for federal financial aid and will be notified via Goodwin University email.

Evaluation Points for Graduate Students

A student's academic progress toward meeting SAP requirements is evaluated at the end of each semester. Cumulative grade point average (CGPA) and rate of completion (PACE) are reviewed to determine Satisfactory Academic Progress. Students must meet all of the minimum SAP standards to be considered in good standing.

Graduate Programs Academic Warning

At the end of each semester, each student's CGPA, PACE, and maximum time frame are reviewed to determine whether a student is meeting Satisfactory Academic Progress requirements. Students who are not meeting the 3.0 CGPA and 66.7% PACE standards at the end of a semester will be placed on Academic Warning for the next semester. Academic Warning status is assigned to the student by the Academic Progress Coordinator without the need for any appeal. All students placed on Academic Warning will be notified via Goodwin University email before the start of the next semester. Students on Academic Warning are eligible to continue to receive federal financial aid for one semester.

During the semester which a student has been placed on Academic Warning status, the Academic Progress Manager will evaluate a student's academic standing to determine if the student is meeting the minimum standards of SAP. Students who raise their CGPA and PACE at or above SAP standards will return to good standing. Students who do not meet the SAP standards will no longer be eligible to receive federal financial aid, unless the student successfully appeals the determination and is placed on Academic Probation. All students not meeting SAP requirements will be notified via Goodwin University email before the beginning of the next semester.

Appeal Process for Graduate Programs

Graduate students who lose their eligibility to receive federal financial aid may appeal to the institution for reinstatement of eligibility. A student may also appeal for exceeding maximum time frame. An appeal form must be initiated by the student and sent to the Academic Progress Manager with supporting documentation. The appeal must be based on mitigating circumstances such as the death of a relative, injury or illness of student or family member, or other special circumstances that prohibited the student from making SAP. The appeal must also provide information regarding what has changed in the student's situation that will allow the student to meet SAP standards at the next evaluation point. Furthermore, the student must demonstrate that such circumstances will not continue to adversely impact their academic performance. The Graduate SAP Appeal Board will review and approve/deny all appeals.

If received in a timely fashion, all appeals will be responded to before the beginning of the next semester. If a student's appeal letter is approved, the student will be eligible for federal financial aid and be placed on Academic Probation. Students whose appeal letters are denied will no longer be eligible to receive federal financial aid. All students will be notified of the outcome of their appeal via Goodwin University email.

Academic Probation for Graduate Programs

If the Graduate SAP Appeal Board approves the appeal and determines that the student can meet SAP standards by the end of the subsequent semester, the student will be placed on Academic Probation and will be eligible to receive federal financial aid for one semester.

At the end of the semester on Academic Probation, the student must raise their GPA and PACE to the SAP standards in order to return to good standing. If the student does not meet these standards, the student is no longer eligible to receive federal financial aid funds. Students will be notified of their academic standing through their Goodwin University email.

Undergraduate Financial Aid

- External Scholarships

The purpose of financial aid is to provide financial assistance to students who would otherwise be unable to attend university. A majority of financial aid, including aid funded through federal and state agencies, is granted on the basis of need. A student's financial need is the difference between the total cost of one academic year (two semesters) of study at the university and the total resources available to the student and, if dependent, to his/her/their family.

Goodwin University's Financial Aid Office is dedicated to giving students the personal attention needed to help them find the financial means to pay for their university education. A variety of financial aid is available to qualified individuals in the form of grants, loans, part-time employment, and scholarships. Some of these funds originate from federal and state agencies and some originate from local government and community-based organizations. Some funds originate from Goodwin University in the form of institutional grants and scholarships. Scholarships and grants do not have to be repaid. Loans have to be repaid. Typically, federal loans are repaid after the student graduates or is no longer enrolled in university.

To apply for financial aid, follow the steps below. Please remember that many scholarships require you to complete the **Free Application for Federal Student Aid (FAFSA)** in addition to the scholarship application.

Step 1: Get a FSA ID

The FSA ID is a username and password combination that gives you access to Federal Student Aid's online systems. It can also serve as your legal signature. If you don't have a FSA ID by the time you fill out your online FAFSA, you will be prompted to apply for one. Get a head start on that process by creating one at www.studentaid.gov.

Step 2: Complete the FAFSA

Complete the FAFSA annually online at www.studentaid.gov. It becomes available October 1 for aid in the following year. The Goodwin University Federal School Code is: 015833. You will need your 2024 federal tax information for the 2026-2027 FAFSA.

Financial Literacy

Goodwin University is committed to assisting students in becoming fiscally responsible. All new undergraduate students are offered to take an online, module-based, self-paced financial literacy course, FIL101.

In partnership with Inceptia, Goodwin University provides the online program, Financial Avenue, to give students smart resources to help simplify the world of personal finance. Our goal is to empower students with key knowledge they need to take control of their financial future.

Each module is designed to be interactive and tailored to your needs to help you build a solid financial foundation.

In addition to the course, Goodwin University provides a full time Financial Literacy Manager to help students learn strategies to make better financial decisions, obtain a greater understanding of their relationship with money, learn how to create a budget/spending plan, learn to create short-term and long-term financial goals, learn about financial products, how to keep their money safe, and how keep their costs low.

Workshops and seminars are provided and announced each semester to help students navigate their finances.

Individual appointments may be scheduled as well as "walk-ins" welcomed in the Financial Aid suite. Please contact finlit@goodwin.edu or call 860-727-6723 for assistance.

Sources of Financial Aid

Grants

The Roberta B. Willis Scholarship Program (RWSP) Scholarship Grant - This grant is available to Connecticut residents who are undergraduate students enrolled in a degree-granting program. The student must be registered for at least half-time time (6 or more credits) per semester to qualify. It is a grant, so it does not have to be repaid. There is also a merit-based component available through the high school guidance office. Go to www.ohe.ct.gov for more information on other types of financial aid programs for State of Connecticut residents.

Federal Pell Grants (PELL) - Eligibility is based on financial need. Only those students who have not earned a bachelor's degree and are not in default on Title IV funding and are in good academic standing are eligible for this grant. A Pell Grant is not a loan, so it does not have to be repaid. It can be used for tuition, books, and living expenses.

The maximum Pell Grant awarded for 2026-2027 is $7,395 based on 12 credits (full-time status). The Pell Grant is prorated for less than full-time attendance.

Federal Supplemental Education Opportunity Grants (FSEOG) - Students who have the lowest Student Aid Index (SAI) and have not earned a previous bachelor's degree may be considered for the FSEOG. Eligible students may receive up to $4,000 per academic year depending upon the college funding levels. This grant does not have to be repaid.

Loans

Federal student loan rules are changing as a result of the One Big Beautiful Bill Act (OBBBA), signed into law on July 4, 2025. While many of these changes will take effect July 1, 2026, the U.S. Department of Education has not yet released full implementation guidance. However, the changes known do impact students who are attending less than full time enrollment, as the federal loan amounts will be prorated for any undergraduate students attending less than full time (12 credits).

Federal Direct Loan Subsidized Program - The U.S. Department of Education pays interest while the borrower is in school; students must be attending at least half-time (6 or more credits per semester) and have financial need; fixed rate is set annually for new borrowers. Effective July 1, 2012, subsidized loans first disbursed after this date will only have the interest subsidized while the borrower is in school. The borrower will be responsible for the interest that accrues during the grace period. Loans must be repaid.

Federal Direct Loan Unsubsidized Program - The borrower is responsible for all interest; must be at least half-time (6 or more credits per semester); financial need not required; fixed rate is set annually for new borrowers.

Federal Direct Parent Plus Loan - For parents of dependent students; students must be enrolled at least half-time (6 or more credits per semester); financial need not required. Repayment generally begins 60 days after the disbursement of funds. However, parents may choose to defer payments when completing the application. An approved credit application must be valid in order to award funds.

Additional Direct Unsubsidized Loan - This loan is available to dependent students whose parents have been denied a PLUS loan. This is non-need based. Interest and repayment terms are the same as the Unsubsidized Loan described above.

Employment

Federal Work Study (FWS) The Federal Work Study Program provides part-time employment for students who have financial need. The job can be on or off campus. Students may use these funds to offset their educational and personal expenses. Students may work no more than 15 hours per week without special permission to work up to 20 hours per week. Students may not perform their work duties during scheduled class times. Awards are paid directly to the student in the form of a paycheck.

External Scholarships

The Greater Hartford Gives Foundation - The Greater Hartford Gives Foundation builds partnerships with donors and nonprofit organizations to enhance the quality of life for people in the greater Hartford region and to help students from the community afford a college education.

As part of this mission, the Foundation provides block grants to Goodwin University for scholarships.

Besides living in the greater Hartford region, the selected recipients must have demonstrated financial need, as determined by the financial aid office; must be matriculated in a degree-granting program or a certificate program; and the recipients must be of traditional or non-traditional age, first-time or returning students and be a high school graduate. Awards range from $500 - $1,500 per student. The Foundation publishes a directory of scholarships available in searchable format at www.greaterhartfordgives.org.

CHESLA Need-Based Scholarship Program - Connecticut Higher Education Supplemental Authority (CHESLA) provides need based college scholarships to Connecticut residents attending Connecticut State or nonprofit institutions to degree-seeking students demonstrating need while maintaining satisfactory academic progress. Awards range from $500 - $3,000 per student per academic year. CHESLA publishes available scholarships at www.CHESLA.org.

Institutional Grants

Institutional grants are awarded to students each academic year on the basis of need. Need based Institutional Grants are based on the Student Aid Index (SAI) as calculated on the Institutional Student Information Records (ISIR). The award amount is typically disbursed over two semesters. To qualify, the student must be registered for 6 or more credits per semester. The award amount is dependent upon the student's enrollment status per semester. There is no formal application process. Students automatically apply by completing the FAFSA form and submitting all required documentation. Students will be notified of the grant amount through receipt of the Financial Aid Officer, which can be seen anytime using Self-Service.

Students may reapply each academic year by completing a new FAFSA. Please note that if a student's offer letter exceeds direct costs and results in a credit balance, Goodwin University reserves the right to reduce institutional funding.

Institutional Scholarships

President's Scholarship

Awarded annually to graduates of Hartford-area high schools who apply to Goodwin University. Applicants must be in their senior year, have a minimum GPA of 2.8 and document 100 hours of community service. Five $2000 scholarships are available at each area high school. Students must apply by completing the scholarship application form and submitting it along with an application for admission to Goodwin University by August 1st following their senior year. Winners will be chosen by the individual high school guidance counselors. Recipients will be notified before the start of the fall semester.

Dean's Scholarship

Awarded to continuing students enrolled in an undergraduate program after completing two (2) consecutive semesters for the prior financial aid award year in which a 4.0 GPA for both semesters is earned. There is no formal application process. Students completing at least 18 credits within those two (2) semesters will receive a $2,000 award in the following semester. Students completing at least 12 credits during the two (2) semesters will receive a $1,000 award in the following semester. A student's final semester grades will not be taken into consideration as the scholarship will not be awarded retroactively to the final semester completed.

Goodwin University Foundation Scholarships

Several privately-funded scholarships are awarded each year through the Goodwin University Foundation, thanks to the generous support of donors. Recipients are selected each semester by the Scholarship Committee through an application process. Students can apply using the following link: https://www.goodwin.edu/foundation/scholarships.

Goodwin University Matching Scholarship Program

Whenever any enrolled student receives a scholarship from any nonprofit agency, service club, or similar private organization, Goodwin University will match the amount up to a maximum of $250 per scholarship. To apply for this scholarship, students are required to provide proof of the outside scholarship award to the Financial Aid Office prior to the registration date for classes. Acceptance will be noted on the Financial Aid Offer which can be viewed in the self-service portal.

Goodwin University Alumni Scholarship

The Alumni Scholarship is designed for Goodwin University students who have graduated from a program of study and continue at the University or return to Goodwin University to pursue another degree. The scholarship is directed to graduates with a cumulative grade point average of 3.0 or higher. Students who meet the initial eligibility requirements are awarded $1000, ($500 in each of the first two semesters) as long as the student is attending on at least a half-time basis. There is no special application process. The scholarship award will be noted on the Financial Aid Offer Letter. The Alumni Scholarship is funded by Goodwin University.

RN to BSN Scholarship (Navigator's Scholarship)

This scholarship is awarded to graduates of Goodwin's Associate Degree in Nursing program who matriculate into the BS Nursing program. This scholarship requires students to complete a FAFSA and is awarded based on a pre-determined Student Aid Index (SAI) and semester course load. Eligible students may receive up to a 55% scholarship to reduce their tuition cost per semester.

Departmental Scholars Initiative

Students who attend one of the selected programs below on either a three-quarter-time or full-time basis will receive a 30% reduction in tuition. To maintain the scholarship, students must have a cumulative grade-point-average (CGPA) of 3.0 at the end of each semester. Students whose CGPA drops below 3.0 but above 2.7 will lose one-half of the scholarship (15%). Students may regain eligibility if the CGPA criteria are met at the end of a future semester.

The programs eligible for this scholarship are:

- AS and BS Business Administration
- AS and BS Human Services

Medical Assisting Scholarship (Navigator's Scholarship)

This scholarship is awarded to students enrolled in the Medical Assisting Program. This scholarship requires students to complete a FAFSA and is awarded based on a pre-determined Student Aid Index (SAI). Students may receive up to 50% off their tuition.

Manufacturing Scholarship (Navigator's Scholarship and/or Bauer Scholarship)

This scholarship is awarded to students enrolled in the following programs:

- Certificates in Manufacturing & Logistics, Mechatronics, Industrial Service Technician, Robotics & Automation Technician, Computer Aided-Design Technician, Quality and Manufacturing Inspection, CNC Machining
- AS in CNC Machining, Quality Management, AS Manufacturing Engineering Technology
- BS Manufacturing Management

This scholarship requires students to complete a FAFSA and is awarded based on a predetermined Student Aid Index (SAI). Students may receive up to 30% off their tuition.

Welding Technology Scholarship (Bauer Scholarship)

This scholarship is awarded to students enrolled in the Welding Technology Program.

This scholarship requires a completed FAFSA and is awarded based on a predetermined Student Aid Index (SAI). Welding Technology students may receive up to 20% off their tuition.

Private (Alternative) Loan Programs

Students may borrow additional funds to offset the cost of their education and can do so through the lender of their choice. Students must have satisfactory credit history, and some lenders may require a co-signer. Goodwin University advises students to conduct research prior to selecting a lender by checking interest rates, lending requirements, and repayment options. Private loans are

considered part of a student's financial aid package and cannot exceed the cost of attendance budget. For assistance in researching private loans, please see the Financial Aid Office.

Additional Resources

- Community Scholarships
- Employer Tuition Reimbursement
- Veteran's Benefits and the Yellow Ribbon Program

Other Funding Sources

Connecticut Bureau of Rehabilitation Services (BRS)/Workers Compensation Commission

This department provides direct and supportive funds for disabled students attending Goodwin University.

Connecticut Department of Labor

This entity provides funding for students under the Trade Adjustment Act (TAA).

Corporate Partnership Scholarship

Students who are employed at companies or are members of organizations that have entered into agreements with Goodwin University may be eligible for this scholarship. Student may receive up to 10% off of their tuition based on the agreement with the organization. Students must present a letter from the company or organization prior to the award being made.

AARP Discount

Students 50 years or older must provide proof of AARP membership to receive a 25% tuition reduction (not permitted for Selective Admission programs).

EdAssist Scholarship

Students who are employed at companies who are affiliated with EdAssist who have entered into an agreement with Goodwin University may be eligible for this scholarship. Students may receive up to 10% off of their tuition. The student must present a letter from the company or organization prior to the award being made and be submitted on the monthly EdAssist roster.

Eligibility for Financial Aid

In order to receive financial aid, students must meet these eligibility requirements:

- Be enrolled in an eligible degree or certificate program;
- Be enrolled for 6 or more credits per semester for all Financial Aid other than Pell Grants (Students may be enrolled for less than 6 credits and still be eligible for Pell Grants.);
- Demonstrate financial need for certain funds;
- Maintain satisfactory academic progress;
- Be a citizen or eligible non-citizen of the United States or Trust Territories with a valid Social Security number;
- Not be in default in the repayment of any educational loans or owe a refund on any Title IV grant program at any institution; and
- Have a high school diploma, General Educational Development (GED) certificate, or State Authorized High School Equivalent certificate, have completed homeschooling at the secondary level as defined by state law, have completed secondary school education in a home school setting which qualifies for an exemption from compulsory attendance requirements under state law if state law does not require a home schooled student to receive a credential for their education, or have completed one of the ability-to-benefit (ATB) alternatives and are either currently enrolled in an eligible career pathway program or first enrolled in an eligible post secondary program prior to July 1, 2012.

Applying for Financial Aid

The Free Application for Federal Student Aid (FAFSA) is available on-line at www.studentaid.gov. Students must create a FSA ID. This ID serves as the student's electronic signature. Parents of dependent students (as defined by the FAFSA form) will also need to obtain a FSA ID as a contributor. The FAFSA serves as the application for all sources of financial assistance awarded by the University as well as all Title IV Programs. A financial aid counselor is available to assist each student in explaining the process of applying online.

Complete the FAFSA correctly and truthfully. There are severe penalties for falsifying information on a FAFSA including the potential for fines and imprisonment. The University is required to return Title IV aid to the Department of Education in these situations. The payments of tuition and fees incurred will be the responsibility of the student.

The total financial aid application process may take several weeks to complete. To facilitate their official registration into individual classes, applicants should make every effort to complete the process as outlined below in a timely fashion.

To be considered, all applicants must complete the following steps:

- Complete the process for admission into a degree or certificate program at Goodwin University.
- Complete and submit the FAFSA.
- Students whose FAFSAs are selected for verification must provide additional information to be verified prior to being awarded any financial aid. See your financial aid counselor for any questions you may have regarding additional supporting documentation.

Notification of Offers

Students are advised of award amounts in their financial aid offer, which are provided online and also given to new students when processing is complete. These financial aid offers are based on information from the FAFSA application, which may be estimated and subject to change. Students are encouraged to view their financial aid offers for the current semester by accessing the Self Service website in Colleague. On the main page, access Financial Aid information, which will outline total charges and gift aid for the entire award year. To view College Financial Plan, please go to Financial Information, Financial Aid, College Financing Service in Self Service. Federal and state awards are not final until the information reported on the FAFSA application has been verified as accurate by the Financial Aid Office. The financial aid offer is for one academic year (2 semesters) and outlines the types and amounts of aid offered. Goodwin University uses passive acceptance processing (accepts all awards on your behalf). If you would like to decline or decrease your federal student loan amounts, please do so through "My Awards" at the top of this page under Financial Aid.

In order for your financial aid offer to be credited to your charges, you **must** review and sign your Financial Aid Offer Letter on the Self-Service website in Colleague.

The availability of funds from federal and state programs is subject to federal and state appropriations and to changes in federal and state legislation and regulations. When their financial circumstances change, students are expected to notify the Financial Aid Office so that adjustments on the offer letter can be made. When outside awards are received, the student is required to notify the Financial Aid Office to ensure that these awards are credited to the student and to the aid package where mandated by federal and state law. Students should direct any questions related to financial aid at Goodwin University to the Financial Aid Office. The Financial Aid Office has extensive information on specific financial aid programs and federal and state regulations.

Before adding or dropping a course, transferring programs, withdrawing from a program or beginning a medical withdrawal, students should check with the Financial Aid Office regarding any financial charges or penalties involved.

Questions regarding procedure or awards should be directed to the Financial Aid Office, Goodwin University, One Riverside Drive, East Hartford, Connecticut, 06118, (860) 727-6723, financialaid@goodwin.edu.

International Students

International students are not eligible to receive any Federal or State aid to offset their tuition and fees.

Undergraduate Satisfactory Academic Progress

This Policy Applies to all Students

Federal Regulations (General Provision CFR 668.16 and 668.34) require Goodwin University to review the Satisfactory Academic Progress (SAP) of students who apply for and/or receive Title IV financial aid. However, SAP is measured for all students. The sanctions described in this policy are both for federal financial aid and academic purposes. **Generally, all periods of the student's enrollment count when assessing Satisfactory Academic Progress, even periods in which the student did not receive financial aid. Please note: SAP evaluations cannot take place until final grades have been posted each semester. Therefore, any financial assistance awarded prior to the academic evaluation is subject to cancellation if the minimum SAP standards are not met.**

All students must maintain SAP, achieve minimum academic standards, progress at a satisfactory rate toward program completion, and complete the program of study within the maximum time frame in order to remain enrolled at Goodwin. Additionally, students receiving federal financial aid must meet the SAP standards to remain eligible for their funding. SAP is determined by measuring the student's cumulative grade point average (CGPA) and the student's rate of progress (PACE) towards completion at each evaluation point. Undergraduate students must complete all requirements for graduation within the maximum time frame and have a CGPA of 2.0. *Graduation requirements for certain programs may necessitate a higher GPA.

Maximum Time Frame

Maximum time frame is defined as 150 percent of the length of an academic program, measured in semester hours attempted, as published in the Goodwin University catalog. For example, using the 150% maximum, students enrolled in a program that is 60 semester hours in length must complete the program with a CGPA of 2.0 by the time they have attempted 90 semester hours. Successful course completion standards at each evaluation point ensure that the student can successfully complete the program of study within the maximum time frame with a minimum of a 2.0 CGPA.

If at any point it becomes mathematically impossible for the student to complete his/her program within the 150% maximum time frame, the student will become ineligible for federal financial aid. However, a student may appeal the maximum timeframe. The student will be notified via Goodwin University email when reaching maximum time frame and his/her ineligibility for additional federal financial aid.

Evaluation Points

A student's academic progress toward meeting SAP requirements is evaluated at the end of each semester. The student's cumulative grade point average (CGPA) and rate of completion (PACE) are reviewed to determine satisfactory academic progress. The student must meet all of the minimum standards to be considered in good standing.

Cumulative Grade Point Average (CGPA) Requirements

Students must meet the minimum CGPA requirement as determined by the degree type (BS, AS, or Certificate) and the number of credits attempted at each evaluation point in order to be considered making satisfactory academic progress. These requirements are:

Bachelor's Degree Programs

Number of Credits Attempted	Minimum CGPA
1-10	1.0
11-30	1.5
31-60	1.8
61 and above	2.0

Associate Degree Programs

Number of Credits Attempted	Minimum CGPA
1-10	1.0
11-20	1.5
21-30	1.8
31 and above	2.0

Certificate Programs - 16 to 17 credits

Number of Credits Attempted	Minimum CGPA
1 and above	2.0

Certificate Programs - 18 to 23 credits

Number of Credits Attempted	Minimum CGPA
1-6	1.3

7-18	1.7
19 and above	2.0

Rate of Completion Requirements

Students must progress through their educational program at a pace that ensures they will complete the program within the maximum time frame. Therefore, in addition to the CGPA, a rate (or percentage of completion) is calculated and reviewed at the end of each semester. Rate of completion is calculated by dividing the cumulative number of semester credits the student has successfully completed by the cumulative number of semester hours the student has attempted. The rate of completion requirements are:

Bachelor's Degree Programs

Number of Credits Attempted:	**Pace**
1-30	50%
31-60	60%
61-180	66.7%

Associate Degree Programs

Number of Credits Attempted:	**Pace**
1-30	50%
31 and above	66.7%

Certificate Programs - 16 to 17 credits

Number of Credits Attempted:	**Pace**
1 and above	66.7%

Certificate Programs - 18 to 23 credits

Number of Credits Attempted:	Pace
1-6	50%
7-12	60%
13 and above	66.7%

Certificate Programs - 24 credits and above

Number of Credits Attempted:	Pace
1-6	50%
7-18	60%
19 and above	66.7%

Financial Aid/Academic Warning & Unsatisfactory Status

At the end of every semester, each student's CGPA, rate of completion (PACE), and maximum time frame are reviewed to determine whether the student is meeting the above Satisfactory Academic Progress requirements. Students who are not meeting the CGPA and/or PACE standards at the end of a semester will be placed on Financial Aid/Academic Warning for the next semester. Financial Aid/Academic Warning status is assigned to the student by the Academic Progress Manager without the need for any appeal. All students placed on Financial Aid/Academic Warning will be notified via Goodwin University e-mail before the start of the next semester. Students should meet with their Academic Advisor to review the Warning Acknowledgement Support Plan. Students with a status of Financial Aid/Academic Warning are eligible to continue receiving federal financial aid funds for one semester.

At the end of the semester during which the student was on Financial Aid/Academic Warning status, the institution will evaluate the student's Satisfactory Academic Progress to determine if the student is meeting the minimum standards of SAP. Students on a Financial Aid/Academic Warning who raise their CGPA and rate of completion at or above the minimum SAP standards will be returned to good standing. If the student does not meet the minimum SAP requirements at the time of evaluation, the student is no longer eligible to receive federal financial aid funds, unless the student successfully appeals the determination and is placed on Academic Probation. Students not meeting SAP requirements will be notified via Goodwin University e-mail.

Students who are in an Unsatisfactory status for their SAP at the end of a semester may be dropped from their course(s) of the upcoming semester in the event they have not successfully appealed their status or made satisfactory payment arrangements with the Business Office.

Appeal Process

Students who lose their eligibility to receive federal financial aid funds may appeal to the institution for reinstatement of eligibility. The student may also appeal for exceeding maximum time frame. An appeal form must be initiated by the student and sent with supporting documentation attached. The appeal must be based on mitigating circumstances such as the death of a relative, injury or illness of student or family member, or other special circumstances that prohibited the student from making SAP. The appeal must also provide information regarding what has changed in the student's situation that will allow the student to meet SAP standards at the next evaluation point. Furthermore, the student must demonstrate that such circumstances will not continue to adversely impact their academic performance.

If received in a timely fashion, all appeals will be responded to before the beginning of the next semester. If a student's appeal letter is approved, the student will be eligible for federal financial aid and be placed on Academic Probation. Students whose appeal letters are denied will no longer be eligible to receive federal financial aid. All students will be notified of the outcome of their appeal via Goodwin University email.

Financial Aid/Academic Probation and Academic Plans

If the University approves the appeal and determines that the student can meet SAP standards by the end of the subsequent semester, the student will be assigned the status of Financial Aid/Academic Probation and will have their eligibility to receive federal financial aid funds reinstated for one semester.

If the student will not be able to meet the minimum SAP standards by the end of the probationary semester, the student will be placed on an Academic Plan. The Academic Plan may recommend the student to fulfill specific terms and conditions such as a reduced course load or enrolling in specific tutoring or mentoring programs provided by the University. The student will be eligible to receive federal financial aid funds for the Academic Plan period as long as the University determines, at the end of each semester, that the student has met the requirements specified by the University in the Academic Plan for the student, and otherwise meets all federal financial aid eligibility requirements.

If the student does not meet SAP requirements at the end of the Financial Aid/Academic Probation, or if the student fails to meet their objectives under the Academic Plan, the student is no longer eligible to receive Federal financial aid funds. The student must make payment arrangements with the Business Office to cover the costs incurred for the semester when a student is not eligible for Title IV funding.

How Remedial Courses (Collegiate Success Studies) Affect SAP

Degree-seeking students may take Collegiate Success Studies (CSS) courses along with other degree-seeking courses to supplement learning. These courses are considered part of the program

of study, but carry no academic credit hours. For purposes of establishing enrollment status for federal financial aid eligibility, each CSS course equates to three (3) credits.

CSS courses may be repeated only once without departmental permission, and under no circumstance will a student be permitted to attempt a CSS course more than three times. CSS courses may be eligible for federal financial aid; however, students are eligible for financial aid for only a maximum of 30 credits (10 attempted courses) as long as the student maintains SAP. The grade received in a CSS course is included in the Qualitative calculation of SAP (CGPA) but is not included in the Quantitative calculation (Pace).

CSS courses are evaluated quantitatively by limiting the number of CSS course repeats. At the point that the institution determines that a student attempts 30 credits, the student will no longer be eligible for federal financial aid for CSS courses.

How Withdrawing from a Course Affects SAP

If a student withdraws from a course and receives a grade of "W", the credits will count as credits attempted but not as credits earned in the rate of completion and maximum time frame calculations. The "W" grade will not be calculated in the CGPA. Withdrawing from a course can have an adverse effect on the student's rate of completion (PACE) and maximum time frame calculations and may affect the student's ability to meet SAP requirements.

How Incomplete Grades Affect SAP

"INC" grades count as credits attempted but not as credits earned in the rate of completion maximim time frame calculations and may adversely impact the student's ability to meet SAP requirements. SAP calculations are updated once the"INC" grade is changed to a final grade.

How Repeated Courses Affect SAP

Any repeated course that is designated as an "R", whether repeated because of a failed grade or to receive a better grade, will be counted as credits attempted but not as credits earned for SAP calculations to determine rate of completion and maximum time frame calculations. Financial aid regulations permit students to repeat a course that has been passed (not an "F" grade) only once in order to earn a better grade. Any additional repeats of previously passed courses are not eligible for federal financial aid nor will they be used to calculate the student's enrollment status for determining federal financial aid eligibility. When a course is repeated, the grade of the most recent repeat will be used for the purposes of calculating CGPA. The "old" grade will remain on the transcript and will be followed by an "R". "R" grades are not used in calculating the CGPA. Repeating courses can have an adverse effect on the student's rate of completion and maximum time frame calculations and may affect the student's ability to meet SAP requirements.

How Medical Withdrawals Affects SAP

Students who are granted a Medical Withdrawal will receive a grade of "W" for all courses in progress. The credits will count as credits attempted, but not as credits earned in the rate of completion and maximum time frame calculations. Withdrawing from a course can have an adverse effect on the student's rate of completion and maximum time frame calculations and may affect the student's ability to meet SAP requirements.

How Transfer Credit Affects SAP

From Another Institution: All transfer credit that is accepted towards a student's academic program or major will be counted as both credits attempted and credits earned for purposes of the rate of completion and maximum time frame calculations. Grades for these transfer courses are not used to calculate CGPA.

Internal Transfer (Change of Program): Every course a student takes at Goodwin University remains on the transcript and is used to calculate the CGPA. In general, all courses attempted at Goodwin will count as both credits attempted and credits earned for the SAP calculation. The only exception to this policy is for undergraduate students who transfer to a new program under the Second Chance Program (refer to that catalog section for more information).

This program is not considered academic amnesty, rather a way for students to transfer to a new program that is a better fit for their skills and interests. Undergraduate students with this type of program transfer will have their SAP calculated only for courses applicable to the new program of study.

Reinstatement of Eligibility

Once a student loses eligibility for federal financial aid funds, the student may continue to enroll in classes but will not receive any federal financial aid. If a student wants to be reinstated for financial aid, the student must complete a semester successfully without aid and then submit an appeal for reinstatement. The terms of the semester taken without financial aid must be coordinated with the Academic Progress Manager. The Academic Progress Manager will inform the Financial Aid Office of any students eligible for financial aid reinstatement.

Students may be reinstated for eligibility for federal financial aid and/or continue as a student as long as it is determined that the student can complete the program within the maximum time frame with a CGPA of a minimum of a 2.0.

Dismissal

At the point that the Academic Progress Manager determines that an undergraduate student cannot achieve the minimum 2.0 CGPA needed for graduation, the student will be dismissed from the University. At the point that it is determined that a student cannot complete the required credits needed for graduation, within the maximum time frame, the student will be dismissed unless (1) the student has submitted an appeal that is approved (2) is on Financial Aid/Academic Probation, and (3) is making progress towards graduation, according to their Financial

Aid/Academic Probation Plan. Students who are dismissed will be notified in writing by the Provost.

General Policies

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The Board of Trustees and the administration of Goodwin University are committed to providing educational opportunities to all who seek and can benefit from them. They recognize that an important part of providing opportunity is creating a welcoming environment in which all people are able to work and study together, regardless of their differences.

Goodwin University recognizes that it has an obligation to provide programs which promote pluralism and diversity and encourage the University community to respect and appreciate the value and dignity of every person and their right to an atmosphere not only free of harassment, hostility, and violence, but supportive of individual academic, personal, social, and professional growth.

Policy Disclaimer

The policies in the catalog are not an exhaustive list of all Goodwin University policies and procedures nor is the full record of the policy and procedure always iterated in the catalog. Please refer to the Student Handbook and the Goodwin University policy website, https://www.goodwin.edu/policies/, for more detailed information.

Anti-Violence Policy

Violence is not tolerated at Goodwin University. All University employees and students share a responsibility, and should therefore strive, to create and maintain an environment that is free from violence.

Violence includes assaults, threats, bullying, stalking, intimidation, and other disruptive behaviors. It can involve oral, written, or electronic statements, gestures, or expressions that communicate a direct or indirect threat of harm.

All members of the Goodwin community have a duty to report actual or potential violence on University property, or during a University-approved activity. All reports shall be taken seriously and investigated. No reprisals will be taken against any individual who makes a report, unless it is found to be of a vexatious or retaliatory nature.

Any person who finds themselves in imminent danger while on University property or engaged in any University-approved activity should immediately contact the East Hartford Police Department and Campus Security when reasonably possible. The primary consideration is to

ensure the safety of that person(s) as well as any other person in the immediate vicinity who might be at risk.

Campus Security may contact the East Hartford Police Department in non-emergency situations depending on the circumstances or at the victim's request.

Nothing in this policy shall prevent any member of the Goodwin community from directly contacting a police service or other appropriate emergency response agency.

Any individual who commits or plans a violent act on University premises may be banned from all campuses and/or subject to disciplinary actions, criminal charges, or both.

In addition to the processes described above, the University is committed to providing support services to victims of violence. Members of the University community who are victims of violence will have access to the Counseling Services, which may be contacted at (860) 913-2159 or (860) 913-2021. Additional information about the Counseling Services can be found on the website.

Appeals and Grievances

Students may encounter grievances with conduct, financial aid, academics, accessibility, and discrimination and harassment. When questions or concerns arise, which must be discussed and resolved, it is important to know whom to speak with and the procedure for obtaining a resolution to issues.

The Goodwin University Appeals Board (GUAB) is the final arbitrator of all appeals at Goodwin University. All appeals should be sent to appeals@goodwin.edu. The GUAB is chaired by the Chief Academic Officer or their designee. To qualify for an appeal new evidence, a procedural error, a conflict of interest or bias, or inappropriate/disproportional sanctioning must be identified. If you are unsure of what qualifies for an appeal, email appeals@goodwin.edu. Appeals through the GUAB must be made in writing and all decisions are rendered in writing within two (2) weeks.

Appeals sent to GUAB are processed by first gathering all details of the issue including any supporting documentation. Then a panel of three members of the institution, typically an Academic Dean, a Program Director, and a staff member or other applicable member of Goodwin University, will independently review the information and render a decision. The student will be notified in writing of the decision, which is final.

To appeal a conduct issue, students may submit an appeal, in writing, to GUAB at appeals@goodwin.edu. For additional information on student conduct, prohibited conduct, and sanctions, refer to the Goodwin University Student Handbook available on the Goodwin University website.

To appeal a financial aid issue, students may submit a petition to the Record Review Committee (RRC). The petition is located under the Registrar section of the Goodwin University website;

questions can be emailed to petition@goodwin.edu. The RRC addresses appeals focusing on financial issues including medical withdrawals or questioning financial charges. Appeals through the RRC are rendered in writing within 30 days from receipt. If a student is unsatisfied with the decision of the RRC, they may submit a final appeal for a financial aid issue to the GUAB, email appeals@goodwin.edu to submit an appeal.

To appeal financial aid eligibility because Satisfactory Academic Progress (SAP) was not met, please refer to the SAP section of the Goodwin University website under Academics to learn more about SAP. If a student is unsatisfied with the decision, they may submit a final appeal for a SAP issue to the GUAB, email appeals@goodwin.edu to submit an appeal.

To appeal an academic issue (excluding academic integrity), it must first be discussed with the instructor. If the instructor is unable to resolve the problem, the student should contact the appropriate Program Director via email. If the Program Director is unable to resolve the issue, the student should contact the Dean via email. After that, appeals may be made, in writing, to GUAB at appeals@goodwin.edu. The final appeal for grades is the Dean, please refer to Grade Appeals in the Academic Regulations area of the catalog for more information. If you are unsure of what qualifies for a grade appeal, email appeals@goodwin.edu.

To appeal an academic integrity issue, students may submit an appeal, in writing, to GUAB at appeals@goodwin.edu. For additional information on the academic integrity process, examples of academic dishonesty, and sanctions, refer to the Goodwin University Student Handbook available on the Goodwin University website.

If your academic grievance is unresolved after exhausting all avenues for appeal, you may call or write the Connecticut Office of Higher Education at 450 Columbus Boulevard, Suite 707; Hartford, CT 06103-1841. The phone number is (860) 947-1800. Students wishing further clarification may direct concerns, in writing, to the New England Commission of Higher Education at 302 Edgewater Place, STE 2, Wakefield, MA 01880. The phone number is 781-425-7785.

For more information on appeals and grievances regarding Title IX, ADA, and Section 504, students should refer to the Student Accessibility Grievance Policy and Discrimination, Harassment, Sexual Misconduct, and Retaliation Policy within the General Policies area of the catalog.

Student Accessibility Grievance Policy

It is the policy of Goodwin University to not discriminate on the basis of disability. The University has adopted an internal grievance procedure providing for prompt and equitable resolution of complaints alleging any action prohibited by Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act as amended, and/or Connecticut state disability laws.

Any person who believes they have not been properly accommodated due to the action or inaction of any member of the University may file a grievance under this procedure. It is against the law for the University to retaliate against anyone who files a grievance or cooperates in the investigation of a grievance.

Please refer to the Student Accessibility Grievance Policy to see the full policy and procedure.

Children on Campus Policy

To protect the safety of young visitors and to avoid disruptive behavior, children accompanying employees, students, or visitors of Goodwin University must be under the constant supervision of a responsible adult while on University property or on the site of any approved off-campus class or other University event. Employees of the University have assigned duties and cannot take supervisory responsibility for any unattended children of employees, students, or visitors. Children should not be unattended in any University facility at any time. Furthermore, children may not be brought with students to class sessions, labs, internships, fieldwork placements, or clinical placements. A violation of this policy may result in appropriate disciplinary action.

The University assumes no responsibility or liability for children, or for any accidents or injuries to children. For the purposes of this policy, a child is defined as any youth under the age of 16 who is not officially registered in a Goodwin University class.

If an unattended child is observed on campus, Campus Security should be alerted immediately. Security will attempt to locate the child's (children's) parents or legal guardians or caregiver to remedy the situation. If the parents, guardians, or caregiver cannot be found in a reasonable amount of time, Security may refer the situation to the Department of Social Services or other appropriate agency.

Copyright Information

The Higher Education Opportunity Act (HEOA) was signed into law on August 14, 2008, and regulations for implementing the law were issued by the Department of Education on October 29, 2009. Several sections of the HEOA are designed to reduce the illegal distribution of copyrighted works, including the unauthorized uploading and downloading of copyrighted works through peer-to-peer (P2P) file sharing on campus networks. These provisions require all U.S. colleges and universities to:

- Provide an annual disclosure to current and prospective students describing copyright law and campus policies related to copyright infringement, including penalties and liabilities for unauthorized peer-to-peer file sharing.
- Create a plan to effectively combat the unauthorized distribution of copyrighted materials by users of its network, including the use of one or more technology-based deterrents.
- Offer alternatives to illegal downloading, to the extent practicable.

- Identify procedures for periodically reviewing the effectiveness of the plan to combat the unauthorized distribution of copyrighted material.

Copyrights

Users shall not use Goodwin University's computers or network to copy, download, modify, or distribute copyrighted materials. This includes but is not limited to the following:

1. Music
2. Movies
3. Literature
4. Photographs
5. Software

Abuse and Enforcement of Policy

1. Any abuse of this policy should be immediately reported to the Chief Information Officer.
2. Abuse of this policy may result in disciplinary action by the University, local law enforcement, and/or federal law enforcement.
3. If there is a violation of this policy, the Director of Information Technology is authorized to take actions to implement and enforce the network usage policy and provide system integrity and security.
4. The Director of Information Technology is authorized to suspend any user's access rights if the administrator has reason to believe that said user has violated the network usage policy.

Goodwin University ("the University") complies with the HEOA by the following:

Annual Disclosure. At the beginning of each Fall term, the following statement ("P2P Policy") will be incorporated into the Student Handbook for all students and sent to all students in a stand-alone email:

Institutional policies and sanctions related to the unauthorized distribution of copyrighted material: The University takes copyright infringement seriously. All students must abide by federal and state copyright laws when using the University computing or network resources. The unauthorized publishing or use of copyrighted material on the University computer network is strictly prohibited and users are personally liable for the consequences of such unauthorized use. This specifically applies to P2P file-sharing of copyrighted music and movies. Students should be aware that by engaging in unauthorized sharing of copyrighted material, they not only violate University policy, but they may also be held criminally and civilly liable by federal and/or state authorities.

Summary of Civil and Criminal Penalties for Violation of Federal Copyright Laws

Copyright infringement is the act of exercising, without permission or legal authority, one or more of the exclusive rights granted to the copyright owner under Section 106 of the Copyright Act (Title 17 of the United States Code). These rights include the right to reproduce or distribute a copyrighted work. In the file-sharing context, downloading or uploading substantial parts of a copyrighted work without authority constitutes an infringement.

Penalties for copyright infringement include civil and criminal penalties. In general, anyone found liable for civil copyright infringement may be ordered to pay either actual damages or "statutory" damages affixed at not less than $750 and not more than $30,000 per work infringed. For "willful" infringement, a court may award up to $150,000 per work infringed. A court can, in its discretion, also assess costs and attorneys' fees. For details, see Title 17, United States Code, Sections 504, 505.

Willful copyright infringement can also result in criminal penalties, including imprisonment of up to five years and fines of up to $250,000 per offense.

For more information, please see the website of the U.S. Copyright Office, especially its FAQs.

The University will subject students who violate this policy to discipline as appropriate. Repeated infringement is subject to disciplinary action, up to and including expulsion from the University.

Fair Use

A provision for fair use is found in the Copyright Act at Section 107. Under the fair use provision, a reproduction of someone else's copyright-protected work is likely to be considered fair if it is used for one of the following purposes: criticism, comment, news reporting, teaching, scholarship, or research. If the reproduction is for one of these purposes, a determination as to whether the reproduction is fair use must be made based upon four factors:

- The purpose and character of use (principally, whether for commercial or nonprofit educational use);
- The nature of the copyright-protected work;
- The amount and substantiality of the portion used; and
- The effect of the use as it affects the value of the copyright-protected work.

The law does not state exactly what uses of a copyright-protected work will be considered fair uses under the law and may therefore be used without obtaining permission. As such, individuals who are not lawyers may often need to be interpreters of the law in everyday circumstances, and answers as to how much reproduction may be considered fair use often remain unclear. Fair use requires a very circumstance-specific analysis as to whether a particular use or reuse of a work may indeed be considered fair use.

To avoid confusion and minimize the risk of copyright infringement, the University interprets the following situations as fair use:

- Quotation of short passages in a scholarly or technical work for illustration or clarification of the author's observations;
- Reproduction of material for classroom use where the reproduction is unexpected and spontaneous - for example, where an article in the morning's paper is directly relevant to that day's class topic. This would generally cover one-time use in only one semester;
- Use in a parody of short portions of the work itself; and
- A summary of an address or article, which may include quotations of short passages of the copyright-protected work.

If your use does not meet the above criteria and the work is protected by copyright, you probably need to obtain permission to use the work from the copyright holder or its agent.

Types of Use

Classroom handouts. Based on XYZ's fair use analysis, classroom handouts fall into two categories: one that requires permission and one that does not. If the handout is a new work for which you could not reasonably be expected to obtain permission in a timely manner and the decision to use the work was spontaneous, you may use that work without obtaining permission. However, if the handout is planned in advance, repeated from semester to semester, or involves works that have existed long enough that one could reasonably be expected to obtain copyright permission in advance, you must obtain copyright permission to use the work.

Reserves. If the Goodwin library owns a copy of a publication, the library may place that copy on reserve without obtaining copyright permission. If the library wishes to reproduce additional copies of a work and place them on reserve for students to review, in either paper or electronic format, the library must obtain copyright permission.

Photocopying in the library. It is permissible to photocopy copyright-protected works in the Goodwin library without obtaining permission from the copyright owner under the following circumstances:

- **Library user requests for articles and short excerpts.** At the request of a library user or another library on behalf of a library user, the library may make one reproduction of an article from a periodical or a small part of any other work. The reproduction must become the property of the library user, and the library must have no reason to believe that the reproduction will be used for purposes other than private study, scholarship, and research.
- **Archival reproductions of unpublished works.** Up to three reproductions of any unpublished work may be made for preservation or security or for deposit for research use in another library or archive. This may be a photocopy or digital reproduction. If it is a digital reproduction, the reproduction may not be made available to the public outside the library or archive premises.
- **Replacement of lost, damaged, or obsolete copies.** The library may make up to three reproductions, including digital reproductions, of a published work that is lost, stolen,

damaged, deteriorating, or stored in an obsolete format. Any digital reproductions must be kept within the confines of the library.

- **Library user requests for entire works.** One reproduction of an entire book or periodical may be made by your library at a library user's request or by another library on behalf of a library user upon certain conditions being met. These conditions include the library determining, after reasonable investigation, that an authorized reproduction cannot be obtained at a reasonable price. Once made, the reproduction must become the property of the library user. The library must have no reason to believe that the reproduction will be used by the user for purposes other than private study, scholarship, and research, and the library must display the register's notice at the place library users make their reproduction requests to the library.

Online Use

Instructors may post their own authored materials, such as lecture notes, tests, exercises, problem sets, and PowerPoint presentations. If material they wrote was published, they may have transferred the copyright to the publisher. In that case, it will be necessary to obtain permission from the publisher to post the material.

Materials from Goodwin-licensed collections may be included in electronic reserves and course websites without any further permission by linking to a persistent URL. Material not protected by the Copyright Act may be made available on electronic reserves or on course websites without the permission of the copyright owner, such as works in the public domain, works of the U.S. government, and links to websites.

Warning

Compliance with copyright law is the responsibility of the individual. This is only a short introduction to copyright issues affecting students and faculty. Please see the copyright book in the library, Copyright Clarity by Renee Hobbs, Ed.D., for further discussion of fair use supporting digital learning. Dr. Hobbs is a leading authority on media literacy education and copyright law.

Drug and Alcohol Policy

Goodwin University is dedicated to providing quality educational services to its students and a quality work environment for its employees. In keeping with this commitment, Goodwin University maintains a campus free from drug and alcohol abuse. Any violation of this policy will warrant disciplinary actions up to and including dismissal or termination and may result in local, state, and/or federal criminal charges.

The Drug Free Schools and Communities Act Amendment of 1989 (Public Law 101-226) requires that all institutions of higher education implement a program that prevents the use of illicit drugs and the abuse of alcohol by students and employees.

Please refer to the Student Handbook, Faculty Handbook, or Staff Handbook, as applicable, for the full policy.

Discrimination, Harassment, and Retaliation Policy

Goodwin University is committed to providing a workplace and educational environment, as well as other benefits, programs, and activities that are free from discrimination, harassment, and retaliation. Consistent with the University's commitment to equal opportunity and non-discrimination, and in compliance with federal and state civil rights laws and regulations, the University strictly prohibits discrimination and harassment.

Prohibited conduct includes discrimination and harassment based on race, color, sex, pregnancy, religion, creed, ethnicity, national origin, disability, age, sexual orientation, gender identity, veteran or military status, predisposing genetic characteristics, victim status or any other protected category under applicable local, state or federal law. Prohibited conduct also includes retaliation against a person for the good faith reporting of these forms of conduct or participation in an investigation or proceeding under this Policy.

Any member of the campus community who acts to deny, deprive or limit the educational, employment, or social access, benefits, or opportunities of any member of the campus community, including guests or visitors, based on their protected class, is subject to sanctions under this Policy. Upon notice, the University will appropriately address and remedy all allegations per the resolution procedures described herein. Vendors, guests, visitors, and other non-campus members who engage in discriminatory actions within Goodwin University programs, activities, or on Goodwin University property are not subject to the Grievance Processes under this Policy. However, they may be subject to actions that limit their access and involvement with Goodwin programs as the result of such misconduct.

The University is committed to stopping, preventing, and remedying discrimination, harassment, and retaliation and addressing any violations of this Policy. Accordingly, the University has created two grievance processes to accomplish this task: the Title IX Grievance Process and the Discrimination, Harassment, and Retaliation (DHR) Grievance Process. The Title IX Grievance Process is designed to address conduct that falls under the Title IX Regulation's definition of sexual harassment. In contrast, the DHR Grievance Process provides a process for the resolution of all complaints of violations of this Policy that fall outside Title IX covered conduct. The University adopts these policies and procedures in furtherance of:

1. preventing, eliminating and addressing discrimination, harassment, sexual misconduct, retaliation, and other civil rights offenses;

2. fostering a climate where all individuals are well-informed and supported in preventing and reporting discrimination, harassment, sexual misconduct, retaliation, and other civil rights offenses; and
3. providing clear standards and a fair, prompt, and impartial process for all parties by which violations of this Policy will be addressed.

The University will take prompt and effective action to eliminate discrimination, harassment, sexual misconduct, retaliation, and other civil rights offenses; prevent their reoccurrence; and remedy their effects.

Please refer to the Policy on Discrimination, Harassment, and Retaliation on the Goodwin University website, https://www.goodwin.edu/policies/, for more detailed information.

Intellectual Property Policy

Goodwin University recognizes that the creation of Intellectual Property may be a natural outgrowth of activities within the Goodwin University community. The goal of this policy is to ensure that Intellectual Property created by Covered Individuals is utilized in ways most likely to benefit Goodwin University and the public. This policy defines and protects ownership rights in Intellectual Property created by all Covered Individuals independently or with the support of the University.

Intellectual Property rights to Independent Works belong to the creator of the work when it meets all of the criteria described in the definition of "Independent Works". An Independent Work is created by an employee outside the scope of their employment or by a student attending the University, but without use of University resources other than resources that are available to the general public.

Intellectual Property rights to University-Supported works that meet at least one of the criteria described in the definition of "University-Supported Works" belong to the University, unless otherwise provided in a written rights agreement. The University owns all rights to a copyrightable or patentable work created by the employee or student with Significant Use of University resources. The University, with the permission of the president or designee, retains the option to release or transfer the rights of a University-Supported work to the work's creator through an appropriate written agreement. The University owns all rights to its trademarks, including all names, acronyms, logos, seals, and other related materials associated with the University.

A Covered Individual may enter into a written agreement with Goodwin University for an equitable arrangement for joint ownership, sharing of royalties, or reimbursement to the University for its costs and support, which may include publication and distribution of University-Supported Works. In all such cases, the agreement shall provide that the University will have the right to use the work at no cost for its educational purposes.

Notwithstanding the provisions of this policy, in the case of a work created under a grant accepted by the University, the ownership provisions of the grant shall prevail.

IT Support

The mission of the Goodwin University Information Technology (IT) Department is to support the activities necessary to obtain and maintain connectivity to the Goodwin University network infrastructure, and to provide current and relevant technology to the students, faculty and staff by researching, procuring and supporting the appropriate IT related solutions, including educating them on the same, in facilitation of the mission, vision and goals of Goodwin University.

Library Public Use Policy

Recognizing that the primary mission of the Hoffman Family Library is to provide high-quality materials and services to Goodwin University students, faculty and staff, the library limits use by the public. Use of computers, printers or library physical space by members of the public is not allowed.

The Hoffman Family Library limits use by the public as follows:

- Members of the general public that need to use the Library's **print materials** are welcome to do so by prior appointment only; please contact the library staff at 860-913-2042 to make arrangements.
- Researchers interested in working with the library's Special Collections, including the Haley and King collections, should email SpecialCollections@goodwin.edu for guidelines on requesting access. Please note: the library's Special Collections are not housed on site and are never available on a walk-in basis.
- Guests of Goodwin University students, faculty and staff are welcome while accompanied by a University community member.
- Family members of prospective students who are on campus are welcome after registering as "visitors" at the front desk.

Persons with Disabilities Policy

Goodwin University is committed to the goal of achieving equal educational opportunity for individuals with disabilities and actively seeks to develop and maintain reasonable accommodations for all students. Persons with disabilities are encouraged to apply for admission. With appropriate documentation, students may request reasonable accommodations through the Office of Disability and Access Services at accessabilityservices@goodwin.edu.

Goodwin University is accessible to people with disabilities. Accessible parking is located in the front of the school in designated areas. A ramp is located at the entrance of the University. All campus buildings have been built to handicapped specifications.

Student ID Cards

All students at Goodwin University are issued a student ID card for the purposes of security-related identification, to use in financial aid situations and to use in the various other functions of University life at Goodwin. Each student is expected to have and wear an ID card. The initial card is provided at no cost to the student. Subsequent cards will carry a charge of $10 for replacement.

Technology Policy

Goodwin University's Technology policy outlines the acceptable usage for all computers and peripherals, network resources, telephones and all other electronic devices owned and maintained by Goodwin University, including personal devices that access Goodwin University networks or resources.

Access to all computer systems, networks and electronic devices owned by Goodwin University imposes certain responsibilities and obligations to all faculty, staff and students. Users failing to adhere to this policy may face disciplinary actions by Goodwin University and/or local and federal law enforcement agencies. Please refer to the Goodwin University policy website, https://www.goodwin.edu/policies/, for more detailed information.

Academic Regulations

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Academic Advising for Undergraduate Students

Goodwin University Academic Advising builds collaborative relationships between the student and University community to support our diverse students as they explore and pursue career and personal goals. It is our mission to foster student success and retention by providing comprehensive and individualized one-on-one advisement sessions. During advisement sessions, students will develop the knowledge and skills necessary to select their courses within their plan of study, as well as make decisions on choice of major and academic goals. Advisors challenge, support, and encourage students to be active participants in their learning, development, and academic success.

All students are assigned to an academic advisor upon their enrollment to Goodwin University. Assignments are made based upon a student's academic program. If a student changes his or her academic program, the advisor will likely change. Academic Advising plays a critical role in fulfilling the mission of the University as it builds collaborative relationships that assist students in exploring professional options and developing educational plans consistent with their academic

and lifelong learning goals. Advisors also connect students to appropriate campus services and opportunities. The advisement process fosters a continuous advisor/student relationship that begins in the first semester and continues throughout the time the student is enrolled at Goodwin University.

All students are encouraged to meet with their academic advisor throughout their university career. Students planning to transfer credit from an accredited institution or who wish to be considered for an award of credit for experiential learning should also meet with an academic advisor before registration to discuss options. In addition, students planning to continue their education should meet with their academic advisor to discuss transfer requirements, admission requirements and course planning.

Advisors are available to:

- Advise students on course selection.
- Develop plans of study.
- Guide students in adding, dropping, and withdrawing from classes.
- Answer academic questions regarding courses and plans of study.
- Counsel students if they are having academic difficulties.
- Serve as a support system for enrolled students.
- Advise students on graduate school options.

Academic Integrity

At Goodwin University, we value integrity as an essential component in our interactions with each other. We believe the purpose of a college education is for students to learn how to think critically and express their own opinions using their own ideas. The concept of academic integrity in all intellectual pursuits is a value that is fundamental to academic life and scholarly practice. Students at Goodwin are obligated to uphold high standards of academic integrity in their scholarship and learning. It is expected that students take personal responsibility for their work and acknowledge the ideas of others. Academic integrity means doing one's own work and giving proper credit to others whose ideas and work a student is utilizing. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism.

Goodwin University defines academic dishonesty as including, but not limited to, (a) plagiarism: presenting, as one's own, the ideas or words of another person or persons for academic evaluation without proper acknowledgment and (b) cheating: providing or receiving assistance in a manner not authorized by the instructor in the creation of work to be submitted for academic evaluation including papers, projects, and examinations.

Academic Questionnaires

The purpose of English and Math questionnaires is to ensure that the skills of incoming students are uniformly evaluated, that students are placed in courses appropriate to their academic preparation, and that courses and other academic and student support services which allow students to develop to their full potential are made available. Goodwin University uses a self-directed questionnaire for English and Math for placement evaluations. English and Math questionnaire results are valid for one year from the completion date.

Questionnaire Waivers

Students do not have to complete the English and Math questionnaires if they produce an official college transcript that indicates:

- A completed transferable English composition and a mathematics course higher than elementary Algebra (e.g., earned a C or better) OR
1. Passed a developmental English course (earned a C or better) in the past three years
2. Have overall GPA of 2.5 or better in most recent coursework (high school or college)
- Have at least an associate degree from an accredited college

Or if they are a recent high school graduate and can produce:

- A recent, documented SAT Evidence-Based Reading and Writing score of 480 or higher
- A recent, documented SAT Math score of 530 or higher
- A recent, documented PSAT Evidence-Based Reading and Writing score of 460 or higher
- A recent, documented PSAT Math score of 510 or higher
- A recent, documented ACT English score of 18 or higher
- A recent, documented ACT Math score of a 22 or higher

SAT and ACT scores can be used for 3-5 years; after five years, a potential student must complete the English and Math questionnaires. The questionnaires are used to assess a student's readiness for college-level work made in collaboration with the student's applicant advisor.

Re-Enrollment and English and Math Questionnaires

Student English and Math questionnaire scores can be used for one year from the official withdrawal date. After one year, a student must retake the questionnaires and be placed according to the current University guidelines.

Adding a Course

Students who wish to add a 15-week or first module course must do so by the end of the first week of the semester. Students may add a 15-week course during the second week of the semester; however, it's for approved courses only. Registered students who want to add a second module course must do so by the end of the first week of that module. Prior to the beginning of the semester, students may add courses by accessing their registration in Self-Service and registering for the course(s) that they wish to add. Once the semester begins, students must add

courses by contacting their Academic Advisor to complete an "add" form, which must be signed by the student. Students are recommended to contact the Business and Financial Aid Offices for counseling. New schedules may be printed from Self-Service.

Attendance and Tardiness

Goodwin University believes that regular attendance in, and prompt arrival to, all classes optimizes each student's educational experience. Therefore, students are encouraged to attend every class, to arrive on time, and to stay for the entire class period.

Instructors set their own attendance and tardiness policies. These policies are given to the students on the first day of each class as part of the course syllabus. Students are responsible for familiarizing themselves with each of their instructor's attendance policies.

Students should reference the establishing course attendance section for more information.

College Transfer Advising

Goodwin University has formal articulation agreements with select colleges and universities in Connecticut. Credits earned at Goodwin University may be eligible for transfer to another accredited college or university. However, each receiving institution has special degree program requirements that will determine the specific transfer credit it will grant. Goodwin University does not promise or guarantee the transferability of any course, credits or credentials earned at this institution to any other educational institution. Students who plan to transfer are advised to check with the intended transfer institution concerning the number of credits that the institution will accept from Goodwin University. It is the student's responsibility to seek advice early in the process.

An articulation agreement is an agreement that allows a student to apply credits earned in specific programs at one institution toward advanced standing, equal transfer, or direct entry into specific programs at another institution. Goodwin University is always seeking ways to make a student's transfer into Goodwin's 4-year programs and transfer out of our 2-year and into 4-year programs at other institutions as easy as possible.

Course and Program Changes

Goodwin University reserves the right to change curricula, schedules, prerequisites and requirements for all courses and programs in order to enhance the employability of the student, provided this change does not affect the overall purpose of the program. Students will be subject to the requirements listed in the catalog in effect when they enrolled. Goodwin University reserves the right to add or cancel classes at any time due to an increase or decrease in enrollment.

Course Incompletes

An Incomplete (INC) is a temporary grade assigned by the instructor. Incompletes are granted at the discretion of the instructor involved. Students may request an incomplete before the last day of the semester if they have experienced exceptional circumstances preventing them from completing some coursework that has an impact on their final grade. Students must have a D- or higher at the time of the request to qualify for an incomplete. If a student has an F or UG at the time of the request, they do not qualify. Students in some clinical courses may have two factors to be considered successfully passing a course. In those cases, they must have a grade of D- or higher and have completed 50% of the hourly requirement to be eligible for an incomplete.

If an incomplete is granted, the instructor will enter the grade earned for the student's final grade by the final grade submission deadline and submit an electronic incomplete form to the Registrar's Office. The Registrar will change the grade to an INC. Students have until week 14 of the following semester to resolve an incomplete. Graduate students and students in internships, clinicals, or practicum courses may receive an extension on the incomplete at the discretion of the instructor and in consultation with the student and Program Director. Extensions may not exceed two semesters, potentially giving students a total of three semesters to resolve an incomplete.

When an incomplete is resolved, the instructor must submit an electronic grade change form to the Registrar's Office by the final grade submission deadline of the semester the incomplete was granted and notify the student of the new grade. All unresolved incompletes will be changed to the reported grade earned if work is not completed within the maximum timeframe allowed by the institution.

Course incompletes are counted as credit hours attempted but not earned. Academic standing will be recalculated after the "INC" is replaced with a grade. In both cases the final grade will then be included in calculating the student's GPA and count as credits attempted. In cases where the incomplete has been issued for a prerequisite course, the student may not be allowed to move on to the higher-level course if the Incomplete has not been replaced with a satisfactory grade.

Course Prerequisite Requirements

Students must meet all course prerequisites, including minimum grade requirements, before beginning a course. Incompletes may not be used to satisfy course prerequisites. Students who register for a course, that do not meet minimum requirements, may be withdrawn from the registered course by the Registrar's Office.

Course Repeats

Students must repeat any course in which they have received an "F", an ungraded "(UG)", or a withdrawn "(W)" if that course is required in the student's program, or if they have not earned a

grade that meets program or major grade requirements. Students may also choose to repeat a course to qualify for graduation status (2.0) or generally to improve their CGPA.

Students may repeat a course only once without permission. A request to take a course for the third time requires students to formally request permission by completing a form available online. Permission to take a course for a third time is not guaranteed and may require a meeting with the Dean or Program Director. Students must also complete the Loan Guidance module for their third attempt request. Decisions made via the request form are final and may not be appealed.

Repeating courses can have an adverse impact on satisfactory academic progress (SAP). In addition to the standards set for minimum credits earned and grade point average in the evaluation of SAP, repeated courses will be counted as credit hours attempted when calculating the quantitative component.

Students receiving Title IV funding should check with the Financial Aid Office regarding re-takes of courses in which they have already earned a satisfactory grade. A student is not eligible to receive financial aid for repeating a course for the third time in order to achieve a better grade. If a student is not eligible to use financial aid toward a third attempt of a course, the credit associated with the third repeat are not used in determining a student's enrollment status for purposes of Financial Aid. In all cases, a student can only receive Title IV funds for one repeat of a previously passed course.

In all cases, every course taken counts as credits attempted when calculating the quantitative component for program completion. When a course is repeated, the most recent grade will be used in place of the original grade for the purposes of calculating the CGPA. The other grade will remain on the transcript and will be followed by an "R" to indicate that the course was repeated. "R" grades do not affect the CGPA.

Credit for Prior Learning

Goodwin University places value in students' prior experiences and knowledge by providing opportunities for students to demonstrate their prior learning through a variety of avenues including, but not limited to, credit for specific classroom-based training experiences, applicable standardized testing, Goodwin University credit by exams, and portfolios for experiential credit.

Goodwin University accepts credit recommendations with departmental approval from the American Council on Education (ACE), Charter Oak State College Connecticut Credit Assessment Program (COSC CAP), the United States military, and others in awarding college credit to adult learners for classroom-based training experiences.

The University also evaluates student performance on select standardized tests such as the College Level Examination Program (CLEP), Advanced Placement (AP) tests, Excelsior exams, and DANTES/DSST.

Goodwin University students, considered currently active, may earn credit for prior learning. Students enrolled in an AS or BS degree may be awarded no more than 50% of the

credits required for the degree through prior learning. For a credential of 30 credits or fewer, no more than 25% of the credits required shall be awarded for prior learning.

Credit awarded for prior learning may not be transferable to other institutions of higher learning. Credits awarded are given the grade of EC and are not included in the calculation of the GPA. These credits count both as credits attempted and as credits earned in determining satisfactory academic progress.

Internal Credit By Exam

When other prior learning credit options are not suitable, the University may create and offer an internal standardized credit by exam (CBE) developed by faculty. Students must receive a minimum grade of 73% on the exam to be awarded university credit, however, programmatic requirements may require a higher passing score. Students may only attempt to earn credit for the CBE once. There is an assessment fee for the exam; however, no charge is assessed for the credits awarded. For specific CBE requirements please contact the appropriate academic department. For more information please visit https://www.goodwin.edu/credit-by-exam/cbe-information.

Portfolio Review

Portfolio review is another option to earn credit for prior learning. It consists of the creation of a portfolio that documents student learning from life experiences and relates the learning to student learning outcomes of specific college courses. For the initial portfolio, students must complete a mandatory 1 credit Portfolio Review for Experiential Credit course. For all portfolios, there is a development and assessment fee associated with each portfolio review.

There may be instances where there is not an ACE or COSC CAP credit recommendation and portfolio review is not the best option available to students. In these cases, Program Directors or Deans may determine credit awards based on the University's evaluation and award of credit for non-collegiate learning procedures.

For more information on the different opportunities for credit for prior learning, students should refer to the transfer pages on the Goodwin University website.

Credit Hour System

Goodwin University complies with federal regulations defining the credit hour and describes all collegiate courses in semester credit hours. A credit is a unit of academic achievement that is awarded upon successful completion of a course and not necessarily an indicator of transferability of credit. For a 15-week course, a credit hour is defined as: (1) Didactic traditional Classroom - one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately 15 weeks for one semester, (2) Laboratory - one laboratory credit equals three hours per week of classroom laboratory instruction or two hours of

classroom laboratory instruction combined with a minimum of one hour of out-of-class student work, (3) Internship/Externship/Clinical - one internship/externship/clinical credit equals three hours per week in assigned workplace-directed activities. If assigned workplace-directed activities equal less than three hours per week, then course syllabi must demonstrate that the work hours plus outside work equals three hours per week per credit. For a Distance Education course, one credit in an online classroom must equate to at least three hours per week of engagement in academic activities as documented in the course syllabi.

Goodwin University offers three semesters in a calendar year. An academic year consists of three semesters beginning in September. Each semester is 15 weeks in length. Two semesters constitute an academic award year for purposes of financial aid. Day and evening courses are usually either 7 or 15 weeks in length. For a complete description of the University's credit hour policy and procedures, including equivalencies, refer to the University's website.

Double Major and Dual Degree Enrollment

Many of the degree programs at Goodwin offer different options within the discipline that will accommodate the student with complex career objectives. There are instances, however, where a student will choose to matriculate in one major or degree program and also request courses in a second major or degree program.

Double Majors

To pursue a double major, students must complete a minimum of 15 credits in their original major with a grade-point-average of 2.3 or better before requesting admission into a second major. Enrollment into the second major requires the approval of the Dean of that program. The student must complete a "Request for Dual Major" form which is obtained online, under student forms. If the student elects one concentration within their original program and subsequently decides to take an additional concentration within that same program, the above criteria will apply.

To earn a double major, students must complete all requirements for both majors as outlined in this catalog. At least 25% of the core coursework in each program must be unique to each major. Selective admissions requirements must be satisfied before the student enrolls into a second major.

Dual Degrees

Dual degrees may be pursued either concurrently or separately.

Enrollment into the second degree requires the approval of the Dean of that program. The student must complete a "Request for Dual Major" form which is obtained online, under student forms.

To earn the credential they are striving for (the degrees and/or certificate), students must complete all requirements as outlined in this catalog. Selective admissions requirements must be satisfied before the student enrolls for a second degree.

The exception to this policy is that all students enrolled in the Associate in Science in Medical Assisting are dually enrolled into the Certificate in Medical Assisting.

Concurrent dual degree - matriculation into two-degree programs at different academic levels (e.g. bachelor's and associate). Students must complete a minimum of 15 credits in their original degree with a grade-point-average of 2.3 or better before requesting admission into a second degree program.

Separate dual degree - graduation from one degree program and then matriculation into a second degree program at the same level (associate and associate or bachelor's and bachelor's) or different academic levels where there is at least a full year of study beyond the first degree to earn the second (a minimum of 30 unique credits).

Establishing Course Attendance

Students must establish attendance in each course that they are registered for. Students have from the first day of their course through the fourteenth calendar day of a semester/module to establish attendance. Faculty report attendance on Census Day, which is the fifteenth calendar day of each semester/module. Students who have not attended and/or participated in their course by the fourteenth calendar day of the semester or module will be administratively withdrawn from the course.

In order to establish attendance, students must do at least one of the following, prior to Census Day:

- Attend an on-ground class; OR
- Post to an online discussion about an academic matter; OR
- Submit an academic assignment either on-ground or online; OR
- Take a quiz or test either on-ground or online.

Please note that posting to an introductory discussion board assignment does not constitute as establishing attendance.

Students who do not establish attendance will be administratively withdrawn from the course(s) and will be listed as a No Start (NS). These courses will not be listed on the transcripts or counted as credits attempted.

All students should reference the Refund Policy in the catalog or on the Goodwin University website for any financial consequences related to non-attendance. Any funds received through loans, scholarships, or financial aid will be returned to the funding source.

Grade Appeals

Grades are part of the student's permanent record. In rare instances, there can be situations in which course grades may need to be changed. These include computational errors, clerical errors, or the discovery of overlooked components in a student's body of work. Students are able to view their final grades in the student information system portal and are responsible for checking their grades at the end of each semester. Students may appeal a final grade within one semester of the grade's issue date.

To appeal a grade, students should email the instructor, request a review of their grade and include the reason for the request. If the instructor believes the change is justified, the instructor will initiate the grade change and notify the student of the change. If the instructor does not agree with the grade change, the student may appeal the decision to the Program Director/Director that oversees the course within 15 days of the instructor's decision via email. If the Program Director agrees that the grade should be changed, the instructor will initiate the grade change and notify the student. If the process identifies that a grade change is not justified the student may appeal the decision to the Dean that oversees the course within 15 days of the Program Directors decision via email. If the Dean agrees that the grade should be changed, the Dean will notify the instructor who will initiate a grade change and notify the student. If the Dean identifies that the grade should not be changed, the grade the student earned will stand. The Dean will notify the student in writing, with a copy to the instructor, of the final decision and that the student has exhausted all avenues to appeal their grade. Grade changes must be submitted to the Registrar's Office by the instructor using the Grade Change form.

Grade Rounding

Grade rounding on individual course assignments, examinations and final course grades will be determined within the exclusive purview of content area members. In consultation with the respective dean and program director, faculty will clearly identify grade-rounding policies for each course on their course syllabi.

In most Goodwin courses, individual course assignments, examinations and final course grades (weighted total) are determined by the following method: when the decimal grade point is less than "0.5", the grade is to be rounded down to the nearest whole number and when the decimal grade point is greater than or equal to "0.5", the grade is to be rounded up to the nearest whole number. For example, an "82.3" would be rounded to an "82", an "89.56" would be rounded to a "90" and a "69.44" would be rounded to a "69".

Individual course assignments, examinations and final course grades (weighted total) in the core courses of selective admissions programs will be determined by using percentages with decimals where values are truncated to whole numbers and no rounding occurs. For example, an "82.3" would be an "82", a "72.8" would be a "72" and an "89.56" would be an "89".

The selective admissions programs without grade rounding are as follows:

- Funeral Service (FNS)
- Dental Hygiene (DHP)

- Medical Assisting (MED)
- Medical Billing and Coding (MCD)
- Radiography (RAD)
- Respiratory Care (RSP)
- Nursing (CLNF, CLNP, PN, NUR, MSN)

Grading System

Grades are an indication of the standard of academic work performed. Throughout their program of study, students will be continually apprised of their academic progress. Students' grades are provided at the end of each course. Students may view their unofficial transcript by logging into the student information system. Requests for official transcripts must be filled out online by using the Transcript Request Form. Students must pay a $15.00 administrative fee which can be paid with a debit or credit card. Official transcripts are released by the Registrar's Office only after the business offices have issued clearances for the student.

Goodwin University uses the following academic grading system. The chart also describes the impact of each grade on a student's academic progress.

Grade	Quality Points	Explanation	Included in Credits Earned	Included in Credits Attempted
A (93-100)	4.0	Excellent	Yes	Yes
A- (90-92)	3.7	Excellent	Yes	Yes
B+ (87-89)	3.3	Good	Yes	Yes
B (83-86)	3.0	Good	Yes	Yes
B- (80-82)	2.7	Good	Yes	Yes
C+ (77-79)	2.3	Satisfactory	Yes	Yes
C (73-76)	2.0	Satisfactory	Yes	Yes
C- (70-72)	1.7	Below Average	Yes	Yes
D+ (67-69)	1.3	Poor	Yes	Yes
D (63-66)	1.0	Poor	Yes	Yes

D- (60-62)	0.7	Poor	Yes	Yes
F (below 60)	0.0	Fail	Yes	Yes

Grades followed by an "R" on transcripts indicate that the course has been repeated.

Grades not used in the calculation of Grade Point Average:

Grade	Quality Points	Explanation	Included in Credits Earned	Included in Credits Attempted
P	N/A	Pass	Yes	Yes
TR	N/A	Transfer Credit	Yes	Yes
TC+	N/A	Transfer Credit (Grades of at least a C+)	Yes	Yes
UG	N/A	Ungraded	No	Yes
CBE	N/A	Credit by Examination	Yes	Yes
AU	N/A	Audit	No	No
W	N/A	Withdrawn	No	Yes
INC	N/A	Incomplete	No	Yes
EC	N/A	Credit Awarded for Experiential Learning	Yes	Yes
EXT	N/A	Continuing Education Credit	No	No
AP	N/A	Advance Placement	Yes	Yes

Grade points are calculated by multiplying the number of quality points of each grade total by the total number of assigned credits for that course. The GPA is obtained by dividing the total number of grade points earned by the total number of credits attempted.

A student's transcript identifies two different Grade Point Averages (GPA). The first is the Semester GPA, which is based on the courses taken only for that semester. The second is a Cumulative GPA (CGPA) that consists of all the courses a student has taken at the University and the grades received for those courses unless grades fall under the Second Chance Policy. See Course Repeats for further information.

Graduate Programs Comprehensive Assessment

Requirements for a master's degree include a capstone course in which students complete at least one of the following: a comprehensive exam, a written thesis based on independent research, or an appropriate special project. Students must earn a grade of B- or higher in their capstone course. All prerequisites must be completed before students can register for theses or capstone projects. Consult the individual program pages in this catalog for more information about prerequisites and capstone information specific to the desired program.

Graduate Programs Limit for Degree Completion

Graduate students are expected to complete their program within seven (7) years maximum.

Graduate Students Advising

Each graduate student is assigned a faculty advisor upon admission to a graduate program. Faculty advisors can provide students with assistance in developing a plan of study and selecting appropriate graduate courses that adhere to program curriculum, as well as discussing career options and alternatives after graduation. It is the responsibility of the graduate student to comply with the policies, procedures and degree requirements published in the catalog. If a student has concerns with regard to working with their assigned advisor at the graduate level, they are to contact the Dean of the respective school for the program in which they are enrolled.

Graduate Students Internships

All graduate students who participate in an internship or field work experience must abide by the school policies and procedures, as well as the policies and procedures of the institution or organization where the learning is taking place.

Graduate Students Status

Matriculated Students

Individuals who have completed all of the requirements for admission and are accepted into a graduate program are considered to be matriculated. Enrollment status of a graduate student is determined on a semester basis by the number of credits that a student is registered to complete. To be considered a full-time graduate student at the University, candidates must be registered for a minimum of six (6) credit hours per term. Graduate students who are enrolled for less than six (6) credits in a term are considered to be half-time.

Non-matriculated Students

Non-matriculated students with appropriate preparation may take three (3) to six (6) credits (one to two graduate courses) as a non-degree student with permission from the Registrar and the graduate program director. Students who want to take courses beyond these initial credits must be formally admitted into the graduate program, and no more than six (6) credits will be accepted toward the degree.

Graduate Students Re-admission

Former Goodwin University graduate students who wish to re-enroll at the university must apply for readmission through the Admissions Office. Graduate students who were academically dismissed from their graduate program are not eligible for readmission to the University.

Graduate Students Transfer of Collegiate Credit

Graduate coursework may be transferred to the university graduate program under certain conditions. First, the credits must have been earned within the past ten years from a college or university accredited by an accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) and/or U.S. Department of Education (USDE). Second, a minimum grade of B- is required for the courses to be transferred. For more information, see individual program degree requirements for acceptable transfer credits. Finally, transfer courses must be approved by the Program Director and the Transfer Coordinator, under the direction of the Registrar. A maximum of six (6) graduate credits may be permitted to transfer into Goodwin University.

Officially transferred credit will be posted to the student's transcript upon the receipt of official transcript(s). Credits awarded are given the grade of TR and are not included in the calculation of the GPA. These credits will count both as credits attempted and as credits earned in determining Satisfactory Academic Progress. Once a student is matriculated into a Goodwin University graduate program, no additional credits earned at other institutions will be transferred.

Graduation and Degree Conferral

The Board of Trustees of Goodwin University is authorized to confer Master of Science, Bachelor of Science, and Associate in Science degrees and award Collegiate Certificates to qualified candidates who have met all of the requirements. Students nearing the completion of their program must complete an Application for Award of Credential for each credential they believe they are qualified to receive prior to their last semester of study. The Application for Award of Credential is available on the University website, once submitted it will be automatically sent to the Registrar for the purposes of a final degree audit review. Candidates' transcripts will be evaluated under the catalog in effect at the time of admission. If the candidate changed programs, the catalog used shall be the one in effect at the time of the program change.

Candidates who have not met all of the requirements for graduation will be notified by their academic advisor.

For purposes of clarity, the term "graduation" refers to program completion. The term "conferral" refers to the actual bestowal of the degree which happens three times a year, at the close of each semester.

Goodwin University's Milestone policy allows students to receive credentials and participate in commencement as those credentials are earned. Students who are enrolled in a bachelor's program who have met the requirements for a collegiate certificate or an associate's degree will be awarded that credential. Students enrolled in associate degree programs who have met the requirements for a collegiate certificate will be awarded that credential.

Additionally, students may earn certificates that are embedded within their degree. Students are not allowed to enroll directly into these embedded programs. All courses in these programs also count towards graduation requirements for the related degree program.

Commencement is held once a year in June. Students who anticipate completing their program at the end of the summer semester following commencement are invited to participate in the ceremony. Participants will be acknowledged with honors at Commencement based on their GPA at the end of the Spring semester. Final determination of honors will be decided upon the completion of their program.

General Graduation Requirements

1. Official enrollment in a certificate or degree program;
2. Completion of the minimum number of semester credit hours for the degree or certificate program with an academic average of at least 2.0 within the maximum time frame;
3. At least 25 percent of the graduation credit requirements must be granted by Goodwin University;
4. The last 12 credits posted to the transcript must have been granted by Goodwin University. This requirement is waived for any service members called to active duty while trying to complete their last 12 credits;
5. Satisfactory completion of all courses required in the student's program;
6. Fulfillment of all financial obligations to the University;
7. Electronic submission of an Application for Award of Credential to Program Director and Registrar; and
8. Completion of all specific program requirements for graduation. Additional requirements for Bachelor of Science degrees:

- A minimum of 15 credits in the major core must be completed at Goodwin University;
- Completion of a minimum of 45 credits at the 200-level or above; and
- Completion of a minimum of 30 credits at the 300-level or above.

Immunization

Each student attending Goodwin University whether fully online, in a hybrid format or on-ground must have up-to-date and adequate immunizations as required by law. Exemptions from this policy are detailed in the Exemptions section of the immunization policy which is posted online under Goodwin's policy section.

As required by Connecticut state law, the following immunizations are required:

For all students born after December 31, 1956:

- Measles, 2 doses
- Rubella, 2 doses
- Mumps, 2 doses

For all students born on or after January 1, 1980:

- Varicella, 2 doses

Each student must provide proof of immunization records to the Registrar's Office as part of the application process. Proof of immunization must include documentation from a medical provider's office showing the dates of immunization for each required immunization as stated above. Alternatively, you may use the immunization form in the appendix of this immunization policy, and have it signed by a medical physician or advanced practice registered nurse (APRN) verifying the information.

If you are requesting exemption from these requirements, per the Exemptions section of the immunization policy, you will need to fill out the Immunizations Exemption Form which is included in the appendix section of the policy.

For more information regarding Connecticut's requirements and the laws on immunization (Connecticut General Statutes §§ 10a-155 and 10a-155(b)), please follow this link or call (860) 509-7929.

Independent Study

Independent Study is an alternative instructional strategy. Students work independently, according to a written agreement, and under the supervision of a faculty mentor. An Independent Study course offers flexibility to meet individual student needs, interests, and styles of learning.

Students may request an independent study through their Program Director. Tuition for these courses is charged at the same rate as all other courses. In each independent study, a contract containing specific course objectives, activities and assignments will be agreed upon and signed by the instructor and student. Requirements may vary according to specific courses, but all must meet the following:

- Regularly scheduled meetings of the faculty mentor and student.
- Summary report of the assigned project.
- Final paper and/or examination.

To qualify, a student must be in good academic standing; students on probation are ineligible. Up to 12 collegiate credits may be earned through independent study.

The Independent Study Contract is available from the respective Program Director. Students should complete the contract with their instructor and submit a signed copy to the Registrar's office prior to registering for the course.

Medical Withdrawal

Goodwin University, upon request and with appropriate documentation, may medically withdraw students from their courses due to serious medical conditions that prohibit the student from completing their courses. Students are encouraged to complete a course withdrawal form to withdraw from their courses. They must also fill out and submit a Petition and Medical Withdrawal form located on the Goodwin University website. The request for medical withdrawal and relevant documentation must be received by the end of the module or semester as indicated in the Withdrawing from a Course section of the University catalog. In addition, medical withdrawals may affect a student's academic progress. Please refer to the Satisfactory Academic Progress section on the University website for more information. Medical withdrawals will be reviewed by the Record Review Committee (RRC) and students will be notified via their Goodwin University email. Students who do not agree with the decision of the RRC may appeal to the Goodwin Appeals and Grievances Board; please refer to the section on Appeals and Grievances in the Student Handbook for more information.

Minors

Goodwin University offers students pursuing a bachelor's degree an opportunity to choose a minor to serve as a secondary area of interest. Minors may extend a student's scope of study in a related field or balance their major through study in a completely different field.

Minors are 15 credits. Completion of a minor requires that a student earn a C (2.0) grade or better in each of the required courses for that minor. No more than 9 credits may be used to meet both major/general education/concentration and minor course requirements. Students can substitute up to 6 credits with permission of the Dean and Program Director. A maximum of 6 transfer credits may be applied toward the minor. A student may earn more than one minor.

Refer to the appropriate Academic School's page for specific minor curriculum requirements.

To be considered for a minor, students must apply for a minor through the Registrar's Office prior to the completion of their program. After completion of requirements, the minor will be recorded on the student's final transcript.

Notification of Rights Under the Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education.

FERPA provides these rights:

1. Students have the right to inspect and review their education records within 45 days of the day Goodwin University receives a request for access.
2. Students have the right to request that Goodwin University corrects records which they believe to be inaccurate. The student should write to the Registrar, identify the part of the record they want changed, and specify why it is misleading.

If Goodwin University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his/her right to a hearing regarding the request for amendment.

Generally, universities must have written permission from the student in order to release any information from a student's education record. However, FERPA allows universities to disclose records, without consent, to university officials who have legitimate educational interest.

In addition, universities may disclose without consent, "directory" information such as a student's name, address, telephone number, date and place of birth, major field of study, degrees earned, honors and awards, and dates of attendance. Students may request to restrict the release of directory information by checking the "deny access to all" box under student records release information in Self-Service. Students who wish to have information shared with parents, legal guardians, and/or significant others must update the student records release area of their Self-Service account. Goodwin University annually notifies students of their rights under FERPA.

Students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by Goodwin University to comply with the requirements of FERPA.

The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, D.C. 20202-8520
1-800-872-5327

Prerequisite Course Waiver and Course Substitution

Under special circumstances, with permission from the appropriate Dean or Program Director, students may receive a waiver for a prerequisite of a specific course. Students who wish to pursue a prerequisite waiver should contact their Dean or Program Director.

Course substitutions also require permission of the Dean or Program Director and the Registrar.

Program Transfers or Program Option Transfers

Students wishing to change programs or concentrations within a degree program must file a written request which is available online. Please refer to the program and interest change form under student forms on the University website.

Students wishing to apply into a selective admissions program should refer to the specific program's application process.

Students who change programs are advised that their courses and semester credit hours will be reviewed for applicability to the new program. **Only courses applicable to the new program and completed with a grade of D- or better will be eligible for transfer into the new program.**

Registration

Incoming students register for classes by visiting with an Applicant Advisor as part of the admission process.

Returning students officially register for the upcoming semester in week 7 of their current semester. Specific information about each registration period is available on the university website beginning week 4 of each semester and course offerings are available in the course catalog via Self-Service. Students are encouraged to access the Goodwin University Registrar's Office website page. Students should also check their Goodwin e-mail for registration reminders.

Before official registration begins, students should:

1. Meet with their Program Director or Academic Advisor to choose courses.
2. Check that their FAFSA is current.
3. Check for registration holds in Self-Service.
4. Resolve any holds.

Students who do not register during the official registration period will be charged a $100 late registration fee to register during the late registration period. Students may revise their registration during late registration and throughout the add/drop period. After the add/drop period, students wishing to add a second module course may do so before the seventh day of the second module. Changes made during the add/drop period may result in changes in tuition and/or fees. Students should reference the institutional refund policy for any financial penalties that may occur because of a change in registration during the add/drop period. All changes made to

registration are subject to review by the Financial Aid Office, Business Office, and the Registrar before they are considered final.

Remedial Coursework

Remedial coursework provides non-credit, foundational education for college students to fill skill gaps in reading, writing, math, or other foundational areas. These are voluntary pre-college level courses designed to support students to be successful in their program as well as increasing success rates. Academic counseling is paired with remediation to ensure students take coursework in the designed way, i.e. with other credit bearing coursework. When enrolling in remedial coursework, students must first be registered for at least 6 academic credits to enroll in up to 6 remedial credits.

Remedial coursework must be at least high school level. If a remedial course's content is below the high school level, the course cannot be included to determine federal financial aid eligibility and will not count toward the 30 semester hours limit for remedial coursework because it does not meet the definition of remedial. These courses do not count toward degree requirements; however, failed remedial courses will impact Satisfactory Academic Progress (SAP) for financial aid.

Second Chance Program

Current and returning undergraduate students choosing to transfer to a different program may be eligible for the Second Chance Program. This program is not considered academic amnesty but rather a way for students to transfer to a new program that is a better fit for their skills and interests. Not all program transfers are approved under the Second Chance Program. The student must apply for and be approved for this program.

Under this program, only courses applicable to the new program, and all attempts, will be used to calculate the cumulative grade point average (CGPA) and rate of completion for Satisfactory Academic Progress (SAP). All courses and grades not applicable to the new program will remain on the transcript but will not be used to calculate SAP for the new program.

Depending on the student's performance in the transfer courses, SAP may still impact the student's ability to receive federal financial aid even after being accepted into the Second Chance Program. If this is the case, the student will receive the same sanctions and be required to go through the same SAP processes as all other students.

A student may only be approved to participate in the Second Chance Program once. The program is not applicable to any prior completed degree or certificate program the student completed at the University. For more information on the Second Chance Program, please contact the Registrar's Office at (860) 727-6708.

Student Classification

At the undergraduate level, a full-time student is one who registers for 12 or more credits per semester. A three-quarter-time student is one who registers for 9 to 11 credits per semester. A half-time student is one who registers for 6 to 8 credits per semester. Students taking less than 6 credits per semester are considered less than half time and may not be eligible for financial aid. For purposes of designating bachelor degree students by class, Goodwin University uses the following standards:

- <30 collegiate credits earned=Freshman
- 30-59 collegiate credits earned=Sophomore
- 60-89 collegiate credits earned=Junior
- 90+ collegiate credits earned=Senior

Students are classified by their degree. Students enrolled at the certificate level can achieve the highest classification of Freshman. Students enrolled at the Associate level can achieve the highest classification of Sophomore, while students enrolled at the Bachelor level can achieve the highest level of Senior.

Student Teaching/Internship/Externship Requirement

Undergraduate students enrolled in programs requiring student teaching or an internship/externship must have a 2.0 cumulative grade point average before attempting to fulfill this requirement. Registration into these courses is not considered final until the roster has been reviewed and approved by the Dean and the Program Director.

Students' Right to Know

Section 485 (a) of the Higher Education Act requires universities that participate in any of the Title IV financial assistance programs to disclose information about completion rates to current and prospective students. Goodwin University's four-year average Student-Right-To-Know Graduation Rate is 48%. The four-year average represents the 2015-2018 cohorts.

Transcripts

Students may view their unofficial transcript by logging into their Self-Service account. Requests for official transcripts must be made online utilizing the Official Transcript Request form accompanied by a $15.00 fee. Official transcripts are released by the Registrar's Office only after all financial obligations are met.

Transfer of Collegiate Credit for Undergraduate Students

Collegiate credit may be granted for credit courses successfully completed at other degree-granting institutions in accordance with the following policies:

1. Credit must have been awarded at a degree-granting institution that is accredited by an accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) and/or the U.S. Department of Education (USDE).
2. The Registrar's Office in consultation with faculty determines whether transferred courses satisfy Goodwin University degree requirements.
3. Only courses completed with grades of "C" or higher may be eligible for transfer.
4. Some degree programs require a higher passing grade than "C" to satisfy specific course requirements. Some degree programs have expiration dates for selected courses. Students should reference program requirements and consult with their Academic Advisor to ensure that transferable courses satisfy degree requirements.
5. Officially transferred credit will be posted to the student's transcript upon receipt of official transcripts.
6. Once a student is matriculated at Goodwin University, no additional credits earned at other institutions will be transferred with the exception of military students. An approved Parent School letter must be on file before the student starts the class at the host school.
7. Credits earned at international institutions may be considered for transfer. The transcript must be assessed by an evaluation service that is a member of the National Association of Credential Evaluation Services (NACES) and an official copy of the results must be sent to Goodwin University for evaluation and assessment of credit. The Registrar's office will then assess official transcripts for equivalency.
8. Students may be required to provide additional information during the transfer evaluation process, such as course descriptions and/or syllabi for potential transfer credit.
9. Credits awarded are given the grade of TR and are not included in the calculation of the Grade Point Average. These credits will count both as credits attempted and as credits earned in determining satisfactory academic progress.
10. Residency requirement: All students are required to take a minimum of 25% of all coursework toward a credential at Goodwin University. Students should consult the catalog pages that pertain to their major for any additional degree requirements. The last 12 credits posted to a student's transcript must be taken at Goodwin University with the exception of active military students.

Wait List Management Policy

When a student wishes to register for a course that is full, the student may be added to the wait list for that course.

A student may be added to no more than three wait lists and must understand that the wait list is a good faith offer to seat students in a fair and equitable manner should a seat open up. Students are offered seats in sequential order only. The wait list does not guarantee a seat, so, students should register for another section or course in order to ensure that they will qualify for financial aid.

If a seat becomes available, students will be contacted by the Registrar's Office through their Goodwin University e-mail. Students should register themselves in the offered course via Self-Service. If a student does not register themselves in the course that they were offered by midnight, the student will automatically be removed from the wait list.

Withdrawing from a Course

To withdraw from a course, students must complete a Course Withdrawal Form with their Academic Advisor. A "W" will be assigned to the course, and it will appear on the transcript. The "W" will not be used in the calculation of the GPA, but it will count as credits attempted. Excessive withdrawals can impact satisfactory academic progress and jeopardize financial aid eligibility. Students are strongly encouraged to get both academic and financial aid advice before withdrawing from courses.

Course withdrawal deadlines are published in the Goodwin University catalog and are available on the website on the "Current Students" page. Deadlines will be strictly enforced.

Students who withdraw by the end of week 9 for a 15-week course or the end of week 4 for a modular course will receive a grade of "W". Students who withdraw after that point will receive a grade of "F".

Failure to attend class is not an appropriate method of withdrawing from a course. Non-attendance does not cancel the financial obligation to pay fees and tuition incurred at the time of registration for classes. Students will remain liable for any outstanding payments of tuition and fees due to the University.

For financial consequences of withdrawing from a course after the start of a semester, refer to the institutional refund policy.

Withdrawing Before Semester Begins

Prior to the beginning of the semester, students may remove courses from their registration by accessing their registration page on the University's student information system and deleting the course(s) they are no longer interested in taking. If a student officially withdraws from a course(s) prior to the first day of the semester or module, 100% of applicable tuition and fees for the course(s) withdrawn (less books and supplies purchased) will be refunded. These courses will not appear on the transcript, nor will they count as credits attempted.

Withdrawing From the First Day of a Semester Through the Fourteenth Calendar Day

Students who have established attendance can withdraw from a course from the first day of the semester through the fourteenth calendar day of the semester by completing a withdrawal form. If the fourteenth calendar day of the semester falls on a Sunday the deadline to withdraw will be the following Monday. Courses withdrawn from the first day to the fourteenth day will not appear on the student's transcript nor will they count as credit hours attempted.

For financial consequences of withdrawing from a course from day one through day fourteen of a semester refer to the institutional refund policy. Students should check with the Financial Aid Office to determine what financial penalty may be assessed as a result.

All deadlines are published in the Goodwin University catalog and are also available on the "Current Students" page of the University website. Deadlines will be strictly enforced. A student's enrollment status for the semester will be determined on the first day of the third week of the semester and shall be considered final for that semester unless the student withdraws from Goodwin or the student is granted a medical withdrawal.

Withdrawing After the Fourteenth Calendar Day of a Semester

Students who have established attendance may withdraw from a course after the fourteenth day of the semester through the end of week 9 of a 15-week course and through the end of week 4 of a 7-week course. If the fourteenth calendar day of the semester falls on a Sunday the deadline to withdraw will start after day 15.

To withdraw from a course, students must complete a Course Withdrawal Form with their Academic Advisor. A "W" will be assigned to the course and it will appear on the transcript. The "W" will not be used in the calculation of the GPA, but it will count as credits attempted. Excessive withdrawals can impact satisfactory academic progress and jeopardize financial aid eligibility, so students are strongly encouraged to get both academic and financial aid advice before withdrawing from courses.

Course withdrawal deadlines are published in the Goodwin University catalog and are available on the website on the "Current Students" page. Deadlines will be strictly enforced. Withdrawals are not permitted beyond the deadline. If the end of week 9 or the end of week 4 falls on a Sunday the deadline to withdraw will be that following Monday. If a student submits a withdrawal after the withdrawal deadline but prior to the semester ending, the student will have an automatic grade of "F" entered for their grade.

Failure to attend class is not an appropriate method of withdrawing from a course. Non-attendance does not cancel the financial obligation to pay fees and tuition incurred at the time of

registration for classes. Students will remain liable for any outstanding payments of tuition and fees due to the University.

For financial consequences of withdrawing from a course after the start of a semester, refer to the institutional refund policy. *Students should check with the Financial Aid Office to determine what financial penalty will be assessed as a result of withdrawing from a course.*

Withdrawing from the University

Conditions may arise requiring the student to withdraw from Goodwin. A student who wishes to withdraw from the University should:

1. Complete and submit all necessary forms with their advisor;
2. Meet with a Financial Aid Officer to determine all financial obligations; and
3. Meet with a Student Account Specialist in the Business Office.

The official withdrawal date is the date the student officially initiates the withdrawal process.

If applicable, a revised tuition charge or refund will be calculated by the Business Office. If a student who withdraws has received financial aid, he/she may be subject to the loss of some, or all, of the financial aid award. This may also result in the student having personal responsibility for repayment of financial assistance. Please refer to the University's Refund Policy.

Withdrawn students must reapply to the University. Re-admitted students must complete the academic requirements in effect in the catalog under which they are returning.

Instructional Design

- Goal of the Online Studies Department
- About our Online Programs
- Online Studies System Requirements
- Online Programs of Study

Goal of the Instructional Design Department

The goal of the Instructional Design department is to provide high-quality online education that is accessible, flexible, and engaging for students. We aim to foster a collaborative and inclusive learning environment that empowers individuals to achieve their educational goals and advance their careers. Through innovative online programs and support services, we strive to cultivate lifelong learners who are equipped with the knowledge, skills, and critical thinking abilities necessary for success in a digital society.

About our Online Programs

The instructional design department supports online learning options in certificate's, associate's, bachelor's, and master's programs. Students may complete some degrees totally online, synchronously or with hybrid classes that combine online and on-campus instruction. Online courses offer a similar level of interactivity and engagement received in a traditional classroom setting, but more convenient for students. The instructional design department staff collaborate with the Center for Teaching Excellence (CTE) to deliver professional development to faculty enabling them to work effectively in online environments.

The online studies program maximizes student access to courses through the use of a web-based delivery system. Students enrolling in courses use the Canvas Learning Management System (LMS) for the delivery of all courses and services. Students also have access to the Canvas Mobile application for IOS and Android, enabling them to access much of the Canvas content from mobile devices.

For Canvas support, you can connect to Canvas@goodwin.edu or call 860-913-2152.

Online, synchronous and on ground students have an opportunity to participate in an online orientation course prior to starting their first online course.

Online Studies System Requirements

In order for students to successfully access Canvas from their home computers, they should have access to Microsoft Office 2010 or higher and will need the following:

1. **Operating Systems**: Windows 10+, MAC OS 10.13+, iOS 11.0+, Android, and Chrome OS.
2. Recommended Browsers: **Google Chrome** and **Mozilla Firefox**. While you can use other browsers such as Edge and Safari, please understand they have limited compatibility with our Canvas LMS.
3. Other Technical Specifications:
    - Internet Speed of at least **512kbps**
    - Computer newer than 5 years old with at least **1GB of RAM**
    - The Canvas mobile apps require **Android 8.0** or later and **iOS 15.0** or later. Canvas offers limited support for native mobile browsers on tablet devices
    - Computer/Browser requirements for **Canvas**: Canvas Computer/Browser Requirements
    - Computer/Browser requirements for **Respondus Lockdown Browser**: Respondus Computer/Browser Requirements
4. Additional Items: **Goodwin University** uses a Single Sign On Platform. Students need to sign in using their Goodwin Email Address and password. Once signed in, students will be able to access all of Goodwin Universities online applications from one place.

Online Programs of Study

Master Degree programs offered 100% online:

- Education
- Nursing
- Organizational Leadership
- Public Health

Bachelor degree programs offered 100% online:

- Business Administration
- Health Science
- Professional Studies
- Public Health
- RN-BSN

Associate degree programs offered 100% online:

- Funeral Services
- General Studies
- Health Science

Degree Requirements

Goodwin University's general education requirements embody our mission and values. The coursework cultivates well-rounded individuals by fostering critical thinking, effective communication, and ethical decision-making. This strong foundation goes beyond preparing students for a specific career but also benefits students personally and professionally. Goodwin University graduates are prepared to tackle complex problems, collaborate with individuals having diverse perspectives, and navigate an ever-changing world while fostering a lifelong love of learning and a commitment to responsible citizenship.

More specifically, the general education requirements achieve these goals through active participation in required courses:

English courses build students' written communication and critical thinking skills by examining texts through literary theory, analyzing primary and secondary sources, and crafting effective writing tailored to audience, purpose, voice, and genre.

Mathematics courses encourage students to develop skills to interpret and solve problems, demonstrate computational fluency, and cultivate logical thinking with respect to real life scenarios.

Science courses develop students' ability to describe foundational scientific principles, follow experimental procedures, and interpret quantitative data to support evidence-based conclusions.

Social Science courses help students apply social and cross-cultural norms, engage in collaborative discussions on social and cultural issues, and analyze how human behavior and

cultural factors shape society. Students also examine the individual and societal factors that influence human behavior.

Humanities courses prepare students for their future by providing opportunities to evaluate sources for bias, perspective, and value; develop evidence-based arguments grounded in ethical principles or historical inquiry; identify cause and correlation among key events, relationships, and social movements; and recognize the impact of identity, diversity and intersectionality on the human experience.

Students may also elect to take courses in **Computer Literacy and Communications**. These courses provide students with opportunities to learn effective communication skills by using various media in informal, academic, and professional settings. Students will also demonstrate their ability by creating and conveying a clear message through technology, feedback, and reflection.

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General Education Requirements for Associate Degrees

Curriculum

All students enrolled in associate degree programs must complete a minimum of 21 credits in general education.

- ENG 101 - English Composition **3 credit(s)**
- English (ENG) **Credit(s): 3**
- Math (MATH) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 3-4**
- Social Science (PSY, SOC) **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 3**

Total Credits: 21-22

General Education Requirements for Bachelor's Degrees

Curriculum

All students enrolled in bachelor degree programs must complete a minimum of 40 credits in general education.

- ENG 101 - English Composition **3 credit(s)**
- English (ENG) **Credit(s): 6**
- Math (MATH) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 4**
- Social Science (PSY and SOC) **Credit(s): 6**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Electives **Credit(s): 15**

Total Credits: 40

Definition of Elective Credit

Goodwin University's academic programs may include elective credit. The courses that fulfill those requirements are dependent on the elective category: General Education, Open, and Directed.

General Education electives may be chosen from any general education course, unless directed by the program. General education courses contain the following prefixes: ENG, MATH, STAT, CAP, COM, BIO, CHEM, SCI, HIS, HUM, PHIL, SPAN, PSY, and SOC.

Directed electives may be chosen through the direction of the program; these are typically courses within the school the program resides. They may be listed within the program curriculum with the course type and level such as ACC 1XX - Accounting Elective or BMM 3XX - Manufacturing Elective. They may also be listed as Directed Electives and amount of credit to complete within that category. The selection of directed electives should be discussed with an Academic Advisor or Program Director to ensure the appropriate course is selected to fulfill the requirement.

Open electives may be chosen from most of the courses offered at Goodwin University. They may be listed within the program curriculum as Open Elective and amount of credit to complete within that category. Courses within selected admissions programs, which requires admission to the program, are not eligible for open elective credit. The selection of open electives should be

discussed with an Academic Advisor or Program Director to ensure the appropriate course is selected to fulfill the requirement.

Definition of Elective Credit

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Programs A-Z

Master's

Master of Public Health

The Master of Public Health (MPH) degree program is offered 100% online and is designed to prepare public health practitioners for complex local, national, and global issues in contemporary public health. The objective is to promote equity, inquiry, health, and well-being, as well as develop thoughtful leaders by providing a relevant and innovative competency-based curriculum. There are three concentrations in the MPH program;

- Global Health
- Community Health
- Health Policy and Management

The program consists of 42 semester credit hours; 33 core credits and 9 concentration credits and can be completed in 15 months by taking courses in an accelerated 7-week format.

Program Learning Outcomes

To reach our goals in research, education, and service, we articulate a set of measurable objectives. We assess performance on these measures based on activities at all levels of organization of our academic and professional operations.

Upon successful completion of all program requirements, graduates will be able to:

1. Develop a public health professional's understanding of global, national, regional, and local public health issues.
2. Apply epidemiologic methods to analyze patterns of disease and discuss applications to control health discrepancies.
3. Understand the relationship between biological, physical, and chemical environmental factors that affect human health.
4. Apply public health principles of leadership and program management in the accessibility, quality, and health care cost analysis for individuals and populations.
5. Identify behavioral, social, and cultural factors that influence individual and group health and contribute to health disparities.

Admission Requirements

In addition to meeting the University's requirements of all graduate program applications, students interested in the Master of Public Health must also:

- Complete a graduate application for admission.
- Submit an official transcript verifying receipt of a bachelor's degree from a college or university accredited by an accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) or the equivalent of this degree from another country with a cumulative GPA of at least 2.5.

Students with a cumulative GPA of 2.5 or lower must interview with the MPH Director or Associate Director before admittance. If admitted, they will be conditionally admitted into the program under the following conditions:

- Meet with Academic Advisor once a month.
- Maintain a 3.0 in the first semester.

Graduation Requirements

To successfully complete the master's in Public Health program, students must:

1. Complete all MPH program courses with a "C" or higher.

2. Have a minimum cumulative GPA of 3.0.

Curriculum requirements - 42 credits

MPH major core requirements - 33 credits

- MPH 501 - Introduction to Public Health **3 credit(s)**
- MPH 502 - Principles of Epidemiology **3 credit(s)**
- MPH 503 - Biostatistics **3 credit(s)**
- MPH 504 - Public Health Policy **3 credit(s)**
- MPH 505 - Research Methods **3 credit(s)**
- MPH 506 - Social and Behavioral Aspects of Health **3 credit(s)**
- MPH 507 - Introduction to Environmental Health **3 credit(s)**
- MPH 560 - Global Public Health **3 credit(s)**
- MPH 510 - Emergency Management Health Issues **3 credit(s)**
- MPH 512 - Infectious Disease Epidemiology **3 credit(s)**
- MPH 561 - Applied Practical Experience **1 credit(s)**
- MPH 562 - Integrative Learning Experience **2 credit(s)**

Concentration requirements - 9 credits

Select one concentration to complete the MPH.

- Community Health
- Global Health
- Health Policy and Management

Nursing, M.S.

The Master of Science in Nursing (MSN) degree may be achieved through a 30-credit Population Health/Leadership track, a 47-credit Family Nurse Practitioner (FNP) track, or a 50-credit Psychiatric Mental Health Nurse Practitioner track. The Population Health/Leadership track includes a 90-hour clinical mentorship experience. The FNP and PMHNP tracks include 600 clinical hours and on-campus Immersion Experiences to facilitate competency-based learning. All three tracks will prepare the individual for leadership positions within the healthcare system and within the scope of relevant practice.

Program Learning Outcomes

Graduates of the MSN Program will demonstrate mastery of the AACN (2021) Competencies and level-2 sub-competencies within the Ten Domains for Nursing across the Four Spheres of Care, leading to the achievement of the following MSN End-of-Program Outcomes:

1. Demonstrate the integration, translation, and application of established and evolving knowledge from basic science, disciplinary nursing knowledge, ways of knowing, and knowledge from other disciplines. Domain 1
2. Provide person-centered care across the lifespan at the advanced nursing level within and across healthcare systems for diverse patients, communities, or populations, including family and/or important others. Domain 2, 3, 9
3. Manage population health through community partnerships and cost-effective and equitable practices to improve primary prevention and disease management for diverse populations. Domains 3, 6, 9, 10
4. Apply relevant evidence-based knowledge and innovative healthcare strategies with a collaborative approach to improve and transform health care. Domains 1, 4, 5, 6, 7, 10
5. Employ established and emerging principles of safety and improvement science to minimize the risk of harm and improve outcomes for patients, communities, and populations. Domains 1, 2, 3, 5, 7,8
6. Collaborate with intention across professions and with care team members, patients, families, communities, and other stakeholders to optimize care, enhance the healthcare experience, and strengthen outcomes. Domains 2, 6, 7
7. Lead within complex health care systems to provide safe, quality, and equitable care to diverse populations. Domains 2, 3, 5, 6, 7, 8, 9, 10
8. Utilize information and communication technologies and informatics processes to manage and improve the delivery of safe, high-quality, and efficient healthcare services in accordance with best practices and professional and regulatory standards. Domains 1, 2, 4, 5, 7, 8, 9, 10
9. Cultivate a sustainable professional nursing identity at an advanced level that includes self-reflective practice, health care policy advocacy, accountability, collaborative disposition, and ethical comportment that reflects nursing's characteristics and standards of care. Domains 6, 9, 10
10. Expand leadership skills and commitment to activities that foster personal health, resilience, lifelong learning, and nursing expertise. Domains 9, 10

MSN Bridge Pathway

All applicants without a BSN degree must take the MSN Bridge courses. If students have taken equivalent coursework in their other bachelor's degree, they may be waived from corresponding course(s) in the bridge. There may be up to five required courses, students may require two semesters to complete, prior to the semester the cohort begins. Students will also apply to the MSN track they are interested in, those meeting the criteria, will be conditionally accepted, pending successful completion of the required courses. The university reserves the right to determine the number of bridge students to be accepted into each cohort.

REQUIRED BRIDGE COURSEWORK (Note courses may be transferred in from prior bachelor's degree if equivalent)

- STAT 167 - Principles of Statistics

- NUR 312 - Health Assessment
- NUR 353 - Introduction to Nursing Research
- NUR 364 - Public and Community Health Nursing
- NUR 456 - Nursing Leadership

Accepted Students

- Students must submit a medical examination report by a health care provider which describes the student's physical and emotional health.
- All required immunizations must be completed before the start of the first Nursing course excluding the Hepatitis B vaccine series which may be in progress.
- A declination or approved medical exemption may be permitted for the Hepatitis B, Influenza, COVID-19, and Tdap vaccinations. However, students should be aware that clinical agencies maintain their own immunization and health clearance requirements. Failure to meet a clinical site's vaccination requirements may limit clinical placement opportunities and could delay or otherwise impact progression and successful completion of the program.
- Students are required to become certified in Cardio-Pulmonary Resuscitation (Health Provider or Professional Rescuer) by the American Heart Association or the Red Cross before entering the Nursing program and must maintain certification throughout the nursing program.
- Students must submit to a background check and drug screening. Program fees cover the cost of both tests.
    - If the drug screen result is "negative dilute," the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by a physician, will prevent the student from entering the program.
    - Students will be notified if the background check reveals any criminal record that might interfere with future licensure. In the event that the results impact placement into a clinical facility students will be notified. See the MSN student handbook for additional information.
- Students must secure one or more approved clinical site placements for each of their final three clinical semesters in order to progress in the program. Students are required to actively participate in identifying potential clinical sites, with support and guidance provided by the nursing office. Some students may elect to use a third-party placement service at their own expense.
- Student's must maintain professional liability insurance. Students in nurse practitioner tracks FNP and PMNP must maintain specific coverage as nurse practitioner students to be eligible to go into the clinical setting.
- Students who are not in compliance with clinical requirements will be prohibited from attending clinical experiences until all requirements are satisfied. Time missed from clinical due to noncompliance may delay course completion, progression in the program, and graduation.

Admission Requirements

In addition to meeting the University's requirements of all graduate program applications, students interested in the Master of Science in Nursing program (MSN) must also:

- Provide a current, unencumbered RN license.
- Have a BSN.
- Have a minimum of two or more years of direct patient care RN experience (obtained within the last five years).
- Complete a college-level statistics course with a grade of C or higher.
- Write a formal 800-1000 word personal statement of his/her nursing career goals focused on the track applying for.
- Provide two letters of recommendation.
- Pass a background check and drug screening.
- Be able to travel a significant distance to clinical sites, if necessary.

Graduation Requirement

Graduate students must earn a minimum cumulative GPA of 3.0 and successfully complete all required clinical hours.

Curriculum Requirements

MSN Core Requirements - 18 Credits

- MSN 500 - Theoretical Basis for Advanced Nursing Practice and Leadership **3 credit(s)**
- MSN 505 - Pathophysiology for Advanced Nursing Practice **3 credit(s)**
- MSN 510 - Pharmacology for Advanced Nursing Practice **3 credit(s)**
- MSN 540 - Physical Assessment for Advanced Nursing Practice **3 credit(s)**
- MSN 610 - Seminar in Nursing Research **3 credit(s)**
- MSN 620 - Policy, Politics, and Organization of Healthcare **3 credit(s)**

Track Requirements - 12-32 Credits *

Students will select one of the following tracks to complete the Master's in Nursing program.

- Population Health/Leadership Track - 12 Credits
- Family Nurse Practitioner Track - 29 Credits
- Psychiatric Mental Health Practitioner Track - 32 Credits

*Credits are dependent on track selected.

Total Credits in the Program: 30 - 50*

*Total credits are dependent on track selected.

Organizational Leadership, M.S.

The Master of Science in Organizational Leadership (MSOL) allows students to discover and cultivate their inner leaders. This 30-credit program goes beyond theory, offering a transformative learning experience that enhances personal and professional development. Students explore the dynamics of organizational and individual behavior, master effective communication strategies, and are provided opportunities to navigate change across various sectors. Whether a traditional student or a working professional, MSOL delivers the tools and insights necessary to advance careers and lead with confidence.

Crafted through practical applications such as case studies, assessments, and surveys to gain further insight into the style of the student's leadership, the program reinforces the power of the leader to impact the individual and the group. This program will provide the opportunity to develop expertise in organizational theory, human action, and change management, and gain the skills to effectively lead diverse teams in government, corporate, and nonprofit environments.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Select leadership practices and theories that address the diverse needs of specific stakeholders.
2. Assess ethics and authentic behaviors to analyze the actions of a leader.
3. Utilize diverse data sources to assist in making effective decisions to reach each goal.
4. Interpret leadership strategies that will enable diverse groups to work towards common goals.
5. Compare and select strategies to develop a strategic plan to achieve organizational goals.

Admission Requirements

In addition to meeting the University's requirements of all graduate program applications, students interested in the Master of Science in Organizational Leadership (MSOL) must also:

- Write a letter of intent/personal statement describing the benefit to the applicant of this course of study (maximum 500 words).
- Include a resume and two letters of recommendation attesting to the applicant's readiness for advanced study and leadership potential.

Graduation Requirements

Graduate students must earn a cumulative GPA of 3.0. Students must also earn a grade of B- or higher in their capstone course and successful completion of the portfolio.

Curriculum

Organizational Leadership Core Requirements - 21 Credits

- OL 500 - Foundations of Leadership **3 credit(s)**
- OL 510 - Leadership Practices in Organizational Communications **3 credit(s)**
- OL 520 - Data-Driven Decision-Making for Executives **3 credit(s)**
- OL 540 - Performance Management **3 credit(s)**
- OL 650 - Sustainability of Innovation and Strategic Advantage **3 credit(s)**
- OL 660 - Leading Organizational Change **3 credit(s)**
- OL 695 - Leadership Capstone **3 credit(s)**

Organizational Leadership Electives: Select Two (2) Courses - 6 Credits

- OL 525 - Special Topics in Leadership **3 credit(s)**
- OL 620 - Negotiation and Conflict Response **3 credit(s)**
- OL 670 - Coaching as a Leadership Tool **3 credit(s)**
- OL 680 - Engaging with Senior Executives **3 credit(s)**

Directed Electives: Select One (1) Course - 3 Credits

- OL 665 - Applied Research for Organizational Leaders **3 credit(s)**
- OL 685 - Leadership Training and Development **3 credit(s)**

Total Credits in the Program: 30

Teacher Leadership, M.Ed.

In our Master's of Education in Teacher Leadership program, you will learn how to apply the Universal Design for Learning (UDL) framework to proactively design capacity-building learning experiences. Within UDL, learner variability, whether visible or invisible, is seen as an asset. Based on cognitive neuroscience, UDL focuses on designing with variability in mind and removing barriers to learning by frontloading flexible options for engaging learners, teaching important concepts, and building goal-directed learners. In your coursework, you will experience the UDL framework firsthand as program faculty model the principles and actively engage you in applying UDL in your own practice.

This program is offered as a joint degree program with the University of Bridgeport.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Design capacity-building learning environments that are responsive to learner variability.
2. Apply evidence-based instructional practices to build expert learners.
3. Evaluate instructional programs to improve learner outcomes.
4. Analyze school policies and practices through social, cultural, political, and historical lenses.
5. Design evidence-based professional learning that supports excellence in teaching.
6. Apply reflective practice as a practitioner-researcher.

Admission Requirements

In addition to meeting the University requirements of all graduate program applications, students interested in the Master of Education (M.Ed.) in Teacher Leadership must also:

- Interview with the program director or faculty for admittance.
- Provide two strong recommendations highlighting excellence in the applicant's professional experience.

Graduation Requirements

Students enrolled in the M.Ed. program must maintain a cumulative GPA of at least 3.0 throughout their program of study. Students must retake any M.Ed. course for which they receive a grade of "C-" or lower, including LUE 640 (6 credits).

Curriculum

- LUE 601 - Social Foundations of Education **3 credit(s)**
- LUE 605 - Contemporary Issues in Urban Education **3 credit(s)**
- LUE 610 - Teacher Leadership Theory and Practice **3 credit(s)**
- LUE 615 - Curriculum Theory **3 credit(s)**
- LUE 620 - Effective Learning Environments **3 credit(s)**
- LUE 625 - Classroom-Based Assessment **3 credit(s)**
- LUE 630 - Instructional Coaching **3 credit(s)**
- LUE 635 - Leading Professional Learning **3 credit(s)**
- LUE 640 - Appreciative Inquiry Capstone **6 credit(s)**

Total Credits in the Program: 30

Credit for Prior Learning

Students who provide official documentation that they have successfully completed Connecticut's or another state's Alternative Route to Certification (ARC) will automatically receive 6 transfer credits toward their 30-credit degree program. All students who fall into this category are not required to take LUE 630 (3 credits) and LUE 635 (3 credits). ARC completers are required to take all other courses.

Graduate Certificate

Family Nurse Practitioner (FNP) Graduate Certificate

The Family Nurse Practitioner certificate program (FNP) is a 29-credit program developed to provide advanced practice education in nursing with a specialty focus on the delivery of primary health care to all populations within the family continuum. In this certificate program students will be introduced to leadership, theory, current nursing concepts, and professional practices. Core areas of study will include pathophysiology, pharmacology, physical assessment, advanced reasoning and differential diagnoses, and the policy and politics of healthcare. The certificate program includes three distinct FNP courses focused on primary healthcare of the adult, women and children and the complex adult. The program is offered in an online format in order to accommodate the schedules of nurses in the workforce. Participants will acquire 600 precepted clinical hours. Additional clinical experiences will include two immersion weekends on-campus to facilitate the students' ability to experience and demonstrate hands-on learning, simulation, and validation of advanced practice nursing skills.

Program Learning Outcomes

Graduates of the certificate program will demonstrate mastery of the AACN (2021) Competencies and level-2 sub-competencies within the Ten Domains for Nursing across the Four Spheres of Care, leading to the achievement of the following end-of-program outcomes:

1. Demonstrate the integration, translation, and application of established and evolving knowledge from basic science, disciplinary nursing knowledge, ways of knowing, and knowledge from other disciplines. Domain 1
2. Provide person-centered care across the lifespan at the advanced nursing level within and across healthcare systems for diverse patients, communities, or populations, including family and/or important others. Domain 2, 3, 9
3. Manage population health through community partnerships and cost-effective and equitable practices to improve primary prevention and disease management for diverse populations. Domains 3, 6, 9, 10
4. Apply relevant evidence-based knowledge and innovative healthcare strategies with a collaborative approach to improve and transform health care. Domains 1, 4, 5, 6, 7, 10
5. Employ established and emerging principles of safety and improvement science to minimize the risk of harm and improve outcomes for patients, communities, and populations. Domains 1, 2, 3, 5, 7,8

6. Collaborate with intention across professions and with care team members, patients, families, communities, and other stakeholders to optimize care, enhance the healthcare experience, and strengthen outcomes. Domains 2, 6, 7
7. Lead within complex health care systems to provide safe, quality, and equitable care to diverse populations. Domains 2, 3, 5, 6, 7, 8, 9, 10
8. Utilize information and communication technologies and informatics processes to manage and improve the delivery of safe, high-quality, and efficient healthcare services in accordance with best practices and professional and regulatory standards. Domains 1, 2, 4, 5, 7, 8, 9, 10
9. Cultivate a sustainable professional nursing identity at an advanced level that includes self-reflective practice, health care policy advocacy, accountability, collaborative disposition, and ethical comportment that reflects nursing's characteristics and standards of care. Domains 6, 9, 10
10. Expand leadership skills and commitment to activities that foster personal health, resilience, lifelong learning, and nursing expertise. Domains 9, 10

Admissions Requirements

Students must complete the University's application requirements for all graduate programs. Students interested in the Family Nurse Practitioner (FNP) Graduate Certificate must also:

- Provide a current, unencumbered RN license
- Have an MSN from an accredited institution
- Have a minimum of two or more years of direct patient care RN experience (obtained within the last five years).
- Have completed a college-level statistics course and college-level research course with a grade of C or higher.
- Provide two letters of recommendation.
- Be able to travel significant distances to clinical sites, if necessary.

Students must have completed the following prerequisite courses or equivalent from Goodwin University or another accredited institution.

Course Code	Title	Credits
MSN 500	Theoretical Basis for Advanced Nursing Practice and Leadership	3
MSN 505	Pathophysiology for Advanced Nursing Practice	3
MSN 510	Pharmacology for Advanced Nursing Practice	3
MSN 540	Physical Assessment for Advanced Nursing Practice	3

MSN 610	Seminar in Nursing Research	3
MSN 620	Policy, Politics, and Organization of Healthcare	3

Accepted Students

- Students must submit a medical examination report by a health care provider which describes the student's physical and emotional health.
- All required immunizations must be completed before the start of the first Nursing course excluding the Hepatitis B vaccine series which may be in progress.
- A declination or approved medical exemption may be permitted for the Hepatitis B, Influenza, COVID-19, and Tdap vaccinations. However, students should be aware that clinical agencies maintain their own immunization and health clearance requirements. Failure to meet a clinical site's vaccination requirements may limit clinical placement opportunities and could delay or otherwise impact progression and successful completion of the program.
- Students are required to become certified in Cardio-Pulmonary Resuscitation (Health Provider or Professional Rescuer) by the American Heart Association or the Red Cross before entering the Nursing program and must maintain certification throughout the nursing program.
- Students must submit to a background check and drug screening. Program fees cover the cost of both tests.
    - If the drug screen result is "negative dilute," the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by a physician, will prevent the student from entering the program.
    - Students will be notified if the background check reveals any criminal record that might interfere with future licensure. In the event that the results impact placement into a clinical facility students will be notified. See the MSN student handbook for additional information.
- Students must secure one or more approved clinical site placements for each of their final three clinical semesters in order to progress in the program. Students are required to actively participate in identifying potential clinical sites, with support and guidance provided by the nursing office. Some students may elect to use a third-party placement service at their own expense.
- Student's must maintain professional liability insurance. Students in nurse practitioner tracks FNP and PMNP must maintain specific coverage as nurse practitioner students to be eligible to go into the clinical setting.
- Students who are not in compliance with clinical requirements will be prohibited from attending clinical experiences until all requirements are satisfied. Time missed from clinical due to noncompliance may delay course completion, progression in the program, and graduation.

Graduation Requirements

Graduate students must earn a minimum cumulative GPA of 3.0 and successfully complete all required clinical hours.

Curriculum

Semester 1

- MSN 605 - Current Concepts and Professional Roles in Advanced Practice Nursing **3 credit(s)**
- MSN 650 - Advanced Reasoning and Differential Diagnosis for Advanced Nursing Practice **3 credit(s)**

Semester 2

- MSN 660 - FNP I Advanced Practice Through the Lifespan-Primary Care of The Adult Client **7 credit(s)**

Semester 3

- MSN 670 - FNP II Advanced Practice Through the Lifespan-Primary Care of The Complex Client **7 credit(s)**

Semester 4

- MSN 680 - FNP III Advanced Practice Through the Lifespan-Primary Care of The Pediatric and Women's Health Client **7 credit(s)**
- MSN 698 - Advanced Practice Capstone-Clinical Application on Population Health **3 credit(s)**

Total Credits in Program: 29

Influencing Organizational Leadership Certificate

Long term competitiveness for any organization relies on effective communication of fresh ideas and innovation from front line employees up through the ranks of senior level leadership. The question is how to ensure this communication is welcomed and occurs? This certificate provides an opportunity to help business professionals looking to advance their careers. Participants in this program will strengthen both communication and relationship building skills with senior level executives with the intention of successfully leading change with an organization.

There are four courses to be completed to earn the certificate in influencing leaders. This certificate is not a "one size fits all" approach but a true opportunity to determine how an individual can make a positive impact on the organization. This will lead participants to more

confident, constructive, and effective conversations with senior leadership which will transform participants and organizations in the process.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate oral and written communication skills concerning complex ideas concisely and persuasively to senior-level executives.
2. Evaluate strategies for creating professional relationships with senior leadership that fosters trust and collaboration.
3. Develop implementation plan that creates opportunities for organizational change.
4. Assess strengths and weaknesses of communication styles and utilize this knowledge to improve interactions with senior leaders.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog.

Curriculum

Required Courses

- OL 510 - Leadership Practices in Organizational Communications **3 credit(s)**
- OL 525 - Special Topics in Leadership **3 credit(s)**
- OL 660 - Leading Organizational Change **3 credit(s)**
- OL 680 - Engaging with Senior Executives **3 credit(s)**

Total Credits in the Program: 12

Psychiatric Nurse Practitioner (PMHNP) Graduate Certificate

Program Description

The Psychiatric Nurse Practitioner certificate program (PMHNP) is a 32-credit program developed to provide advanced practice education in nursing with a specialty focus on the delivery of psychiatric mental health care to all populations within the lifespan continuum. In this certificate program, students will be introduced to leadership, theory, current nursing concepts, and professional practices. Core areas of study will include pathophysiology, pharmacology, physical assessment, neuropsychopharmacology, assessment and diagnosis of mental health disorders, and the policy and politics of healthcare. The certificate program includes three distinct

clinical courses focused on psychiatric mental health care of patients across the lifespan; children, adults and the complex adult. The program is offered in an online format in order to accommodate the schedules of nurses in the workforce. Participants will acquire 600 precepted clinical hours. Additional clinical experiences will include two immersion weekends on-campus to facilitate the students' ability to experience and demonstrate hands-on learning, simulation and validation of advanced practice nursing skills.

Program Learning Outcomes

Graduates of the certificate program will demonstrate mastery of the AACN (2021) Competencies and level-2 sub-competencies within the Ten Domains for Nursing across the Four Spheres of Care, leading to the achievement of the following end-of-program outcomes:

1. Demonstrate the integration, translation, and application of established and evolving knowledge from basic science, disciplinary nursing knowledge, ways of knowing, and knowledge from other disciplines. Domain 1
2. Provide person-centered care across the lifespan at the advanced nursing level within and across healthcare systems for diverse patients, communities, or populations, including family and/or important others. Domain 2, 3, 9
3. Manage population health through community partnerships and cost-effective and equitable practices to improve primary prevention and disease management for diverse populations. Domains 3, 6, 9, 10
4. Apply relevant evidence-based knowledge and innovative healthcare strategies with a collaborative approach to improve and transform health care. Domains 1, 4, 5, 6, 7, 10
5. Employ established and emerging principles of safety and improvement science to minimize the risk of harm and improve outcomes for patients, communities, and populations. Domains 1, 2, 3, 5, 7,8
6. Collaborate with intention across professions and with care team members, patients, families, communities, and other stakeholders to optimize care, enhance the healthcare experience, and strengthen outcomes. Domains 2, 6, 7
7. Lead within complex health care systems to provide safe, quality, and equitable care to diverse populations. Domains 2, 3, 5, 6, 7, 8, 9, 10
8. Utilize information and communication technologies and informatics processes to manage and improve the delivery of safe, high-quality, and efficient healthcare services in accordance with best practices and professional and regulatory standards. Domains 1, 2, 4, 5, 7, 8, 9, 10
9. Cultivate a sustainable professional nursing identity at an advanced level that includes self-reflective practice, health care policy advocacy, accountability, collaborative disposition, and ethical comportment that reflects nursing's characteristics and standards of care. Domains 6, 9, 10
10. Expand leadership skills and commitment to activities that foster personal health, resilience, lifelong learning, and nursing expertise. Domains 9, 10

Admissions Requirements

Students must complete the University's application requirements for all graduate programs. Students interested in the **Psychiatric Mental Health Nurse Practitioner Certificate Program (PMHNP)** must also:

- Provide a current, unencumbered RN license
- Have an MSN from an accredited institution
- Have a minimum of two or more years of direct patient care RN experience (obtained within the last five years).
- Have completed a college-level statistics course and college-level research course with a grade of C or higher.
- Provide two letters of recommendation.
- Be able to travel significant distances to clinical sites, if necessary.

Students must have completed the following prerequisite courses or equivalent from Goodwin University or another accredited institution.

Course Code	Title	Credits
MSN 500	Theoretical Basis for Advanced Nursing Practice and Leadership	3
MSN 505	Pathophysiology for Advanced Nursing Practice	3
MSN 510	Pharmacology for Advanced Nursing Practice	3
MSN 540	Physical Assessment for Advanced Nursing Practice	3
MSN 610	Seminar in Nursing Research	3
MSN 620	Policy, Politics, and Organization of Healthcare	3

Accepted Students

- Students must submit a medical examination report by a health care provider which describes the student's physical and emotional health.
- All required immunizations must be completed before the start of the first Nursing course excluding the Hepatitis B vaccine series which may be in progress.
- A declination or approved medical exemption may be permitted for the Hepatitis B, Influenza, COVID-19, and Tdap vaccinations. However, students should be aware that clinical agencies maintain their own immunization and health clearance requirements.

Failure to meet a clinical site's vaccination requirements may limit clinical placement opportunities and could delay or otherwise impact progression and successful completion of the program.

- Students are required to become certified in Cardio-Pulmonary Resuscitation (Health Provider or Professional Rescuer) by the American Heart Association or the Red Cross before entering the Nursing program and must maintain certification throughout the nursing program.
- Students must submit to a background check and drug screening. Program fees cover the cost of both tests.
    - If the drug screen result is "negative dilute," the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by a physician, will prevent the student from entering the program.
    - Students will be notified if the background check reveals any criminal record that might interfere with future licensure. In the event that the results impact placement into a clinical facility students will be notified. See the MSN student handbook for additional information.
- Students must secure one or more approved clinical site placements for each of their final three clinical semesters in order to progress in the program. Students are required to actively participate in identifying potential clinical sites, with support and guidance provided by the nursing office. Some students may elect to use a third-party placement service at their own expense.
- Student's must maintain professional liability insurance. Students in nurse practitioner tracks FNP and PMNP must maintain specific coverage as nurse practitioner students to be eligible to go into the clinical setting.
- Students who are not in compliance with clinical requirements will be prohibited from attending clinical experiences until all requirements are satisfied. Time missed from clinical due to noncompliance may delay course completion, progression in the program, and graduation.

Graduation Requirements

Graduate students must earn a minimum cumulative GPA of 3.0 and successfully complete all required clinical hours.

Curriculum

Semester 1

- MSN 520 - Neuropsychopharmacology **3 credit(s)**
- MSN 605 - Current Concepts and Professional Roles in Advanced Practice Nursing **3 credit(s)**
- MSN 655 - Assessment, Diagnosis and Treatment of Mental Health **3 credit(s)**

Semester 2

- MSN 665 - PMHNP I: Advance Practice Psychiatric Mental Health Care for the Adult **7 credit(s)**

Semester 3

- MSN 675 - PMHNP II: Advanced Practice Psychiatric Mental Health Care for Children and Older Adults **7 credit(s)**

Semester 4

- MSN 685 - PMHNP III: Advanced Practice Psychiatric Mental Health Care of the Complex Patient **7 credit(s)**
- MSN 697 - Advanced Practice Capstone: Clinical Applications in Psychiatric Population Health **2 credit(s)**

Total Credits in Program 32

Universal Instructional Design Graduate Academic Certificate

In this fully online, Universal Instructional Design graduate academic certificate, students will learn how to proactively apply the Universal Design for Learning (UDL) framework to create inclusive, accessible, and flexible learning experiences. Intentional application of UDL to your instructional design practice or to the (re)design of learning experiences can afford all learners not only equal access to content but also the same opportunities for success. The certificate curriculum provides hands-on experiences with applying the UDL framework to design learning experiences in different modalities including in-person, online, and hyflex.

This academic graduate certificate is suitable for pre-K-12 teachers, instructional coaches, higher education faculty, instructional designers, and professional developers in business and industry who are seeking to advance in their careers.

All courses are asynchronous online and must be taken in order as listed in the plan of study.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Select an instructional design model that is appropriate for their professional practice.
2. Apply the UDL framework throughout the instructional design process.
3. Create authentic learning experiences that are tailored to their professional practice.
4. Evaluate alignment among instructional components: (a) goals and learning outcomes, (b) learning assessments, (c) teaching methods, and (d) learning materials.

Graduation Requirements

Students must complete all general graduation requirements as stated in the catalog. Students must complete all courses with a minimum grade of "C" or higher.

Curriculum

First Semester

- UID 610 - Introduction to Universally Designed Learning Experiences **3 credit(s)**
- UID 625 - Assessment for Learning **3 credit(s)**

Second Semester

- UID 615 - Engagement for Learning **3 credit(s)**
- UID 620 - Instruction for Learning **3 credit(s)**

Total Credits in the Program: 12

Bachelor's

Accelerated Nursing, B.S.

Our Accelerated Bachelor of Science in Nursing (ABSN) is geared towards individuals who already have a bachelor's degree in a non-nursing major from a regionally accredited college or university, but want to become licensed as an RN and work in the field quickly.

Students will gain the knowledge necessary to become an advocate for patients, families, and communities. They will learn to practice a holistic approach to patient wellness and quality care through critical and creative thinking, ethical decision-making, and evidence-based practice.

Admission Requirements and Process

Only students admitted to the program may enroll in nursing courses. It is important to note that not all qualified candidates can be offered admission to the nursing program due to the limited number of seats available. Prospective nursing applicants are strongly advised to attend a Health Science Information Session conducted by the university. Please call the Admissions Office at 800-889-3282 for dates and times of upcoming sessions. Students may enter the university at any time to complete the prerequisites required for admission.

Admission is based upon the completion of ABSN prerequisites and other requirements. All requirements must be completed before enrolling in the program. Students may apply to the ABSN program up to four times.

Any submitted applications that do not meet the minimum required GPA of 3.0 and the required 58.7% score on the TEAS examination that is used as the pre-admission exam will not be considered or counted as an attempt.

Admissions Process

1. Complete the application for admission into Goodwin University. Applicants to the ABSN program must first meet the prerequisites for admission and be accepted into Goodwin University.
2. Complete the ABSN program application.
    1. Official college transcripts are required with the application. Transcripts are used as proof of education level or for transfer credit to transfer in the prerequisite courses required for admission. If the official transcripts have already been provided to the Registrar, the Nursing department will retrieve copies.
    2. Take the TEAS Exam administered by ATI that is being used as an application requirement and earn a minimum score of 58.7%. Students may only take the TEAS Exam one time per application cycle once an application is submitted to the ABSN Program. The cost of the exam is the responsibility of the applicant. No exams will be accepted after the TEAS deadline posted on the application. Information and instructions to register for the exam are posted on the ABSN Application on Goodwin's website. Questions about the exam should be directed to ATI Customer Service, the number is provided on the ABSN Application. Applicants are allowed four attempts to apply to the ABSN Program. To be considered for admissions, students must complete all the required prerequisites, hold a previous bachelor's degree and a 3.0 GPA.

    3. Minimum 3.0 cumulative GPA (not rounded) from a previous bachelor's degree or from twelve credits completed at Goodwin University.

    4. Complete the following prerequisite courses with a minimum grade of "C" prior to applying:
        1. Chemistry - CHEM 101 or equivalent.
        2. Lifespan Development - PSY 212 or equivalent.
        3. Statistics - STAT 167 or equivalent.
    5. Complete the following prerequisite courses with a minimum grade of "C+" prior to applying:
        1. Biology - BIO 211, Anatomy & Physiology I or equivalent completed within the last five years.
        2. Biology - BIO 212 Anatomy & Physiology II or equivalent completed within the last five years.

3. Biology - BIO 235 Microbiology or equivalent completed within the last ten years.

Any prerequisite courses transferred from another college must be equivalent to Goodwin University courses and must meet the grade requirement of "C" or "C+" (see letters "2.d" and "2.e" above).

Point System

I. Previous College Education	**Score**
Master's Degree	2
II. Completed Goodwin University Courses (C or higher) (NO points for FIL 101)	
1-3 course(s)	1
4-6 courses	2
> 7 courses	3
III. Cumulative GPA based on completed Goodwin University coursework totaling >12 credits or most recent college degree (Minimum 3.0 to qualify)	
3.0 - 3.2	1
3.3 - 3.5	2
3.6 - 3.7	3
3.8 - 4.0	4
IV. Composite Score on ATI TEAS Pre-Entrance Exam (>58.7% to qualify)	
58.7% - 62.9%	1
63.0% - 67.1%	2
67.2% - 71.3%	3
71.4% - 75.5%	4
75.6% - 79.7%	5
79.8% - 83.9%	6

84.0% - 88.1%	7
88.2% - 92.3%	8
92.4% - 96.5%	9
96.6% - 100%	11
V. Attributes and Characteristics	
500-Word Essay	10
Interview	10
Maximum Total Points	**40**

Accepted Students

- Once accepted, students are required to submit a $500 non-refundable tuition deposit to hold their place in the program. Students must obtain their own malpractice insurance and also become a member of the Goodwin University Student Nursing Association (GUSNA).
- Admitted students must submit a medical examination report by a health care provider which describes the student's physical and emotional health prior to starting the program. All required immunizations must be completed before the start of the first nursing course excluding the Hepatitis B vaccine series which may be in progress. If a student elects to not have the Hepatitis B vaccine series, a signed declination form must be in his/her file. All students in the program must receive a flu shot annually.
- Students are required to become certified in Cardio-Pulmonary Resuscitation (Health Provider or Professional Rescuer) by the American Heart Association or the Red Cross before entering the Nursing program and must maintain certification throughout the nursing program. The cost related to obtaining and maintaining CPR certification is the responsibility of the student. Proof of certification must be submitted annually.
- All students accepted to the Accelerated Bachelor of Science Degree in Nursing program must submit to a background check and drug screening. Fees cover the initial cost of both. However, if the drug screen result is "negative dilute," the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by a physician, will prevent the student from entering the program.
- Fees associated with the background check increase with residency in more than one state and any additional surnames. Additional fees are covered by the student. Further, some pediatric clinical sites require a second background check and this additional cost is covered by those students required to comply. These fees are paid directly to the vendor by the student. Not performing this second background check will impact the student's ability to attend specific pediatric clinicals.

- Students will be notified if the background check reveals any criminal record that might interfere with future licensure. In the event that a clinical facility finds the results of a student's background check objectionable and, as a result, prohibits the student from participating in a clinical experience at their facility, the department will make two additional attempts to place the student in an alternative facility. If neither of the two further attempts yield a placement for the student, (s)he will not be permitted to progress with the program. Students are advised to take this into consideration upon initial receipt of the results of their background check.

Program Learning Outcomes

Graduates of the BSN program will demonstrate mastery of the AACN (2021) competencies and level 1 sub-competencies within the Ten Domains for Nursing across the Four Spheres of Care, leading to the achievement of the following BSN end-of-program outcomes:

1. Establish a basis for clinical judgment and innovation based on nursing knowledge, ways of knowing, and knowledge from other disciplines. Domain 1
2. Provide person-centered and evidence-based nursing care emphasizing diversity, equity and inclusion. Domain 2, 4, 9
3. Manage population health across settings in collaboration with diverse partners that leads to the improvement of equitable health outcomes. Domains 3, 6, 9, 10
4. Demonstrate the application, translation, and implementation of best evidence into clinical practice, policy, and leadership. Domains 1, 4, 5, 7, 9, 10
5. Demonstrate knowledge and use of established and emerging safety science principles in care delivery. Domains 1, 5, 7
6. Demonstrate professional partnerships built on core professional nursing values in providing team-based, person-centered care. Domains 2, 6, 7, 9
7. Apply knowledge of systems and evidence-based practice to provide safe, quality, and equitable care to diverse populations. Domains 1, 2, 3, 4, 5, 7, 8, 9, 10
8. Utilize informatics processes and technologies to provide safe and high-quality healthcare services in accordance with best practices. Domains 4, 5, 7, 8, 9, 10
9. Cultivate a sustainable professional nursing identity that includes self-reflective practice, health care policy advocacy, accountability, collaborative disposition, and comportment that reflects nursing's characteristics and values. Domains 6, 9, 10
10. Demonstrate a capacity for leadership that includes a commitment to activities that foster personal health, resilience, lifelong learning, and active membership in the profession. Domains 9, 10

Nursing Department Policies

Policies specific to the ABSN may be found in the ABSN Student Handbook.

Graduation Requirements

The following requirements must be met to graduate from the Nursing Program:

1. Completion of the course requirements. Prerequisite courses must be completed with a "C" or higher except for specific science courses which require a "C+" or higher.
2. Completion of ABSN coursework with an academic average of at least 2.3 (C+) within the maximum time frame (no greater than six (6) semesters);
3. Fulfillment of all financial obligations to the University;
4. Completion of a final math calculation exam with a score of 100%;
5. Pass the Clinical Component of Nursing 452.

Graduation from the program does not guarantee passing the NCLEX-RN® licensing exam. If a student in the program has a felony record, the Department of Public Health will determine their eligibility to take the NCLEX-RN® when the student applies to take the exam. The university has no responsibility for making this decision. Students may access the State Board of Nursing website for additional information.

Curriculum

Students entering this program will automatically be awarded **38 credits** from any subject in recognition of attaining their first bachelor's degree. Additional transfer credit may be awarded for courses fulfilling the general education core requirements.

General Education Core Requirements - 22 credits

- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**
- CHEM 101 - Chemistry **4 credit(s)**
- PSY 212 - Lifespan Development **3 credit(s)**
- STAT 167 - Principles of Statistics **3 credit(s)**

Nursing Major Core Requirements - 60 credits

Fall Semester

- NUR 208 - Health Assessment and Skills Development **6 credit(s)**
- NUR 302 - Foundations of the Nursing Profession **3 credit(s)**
- NUR 308 - Principles of Pathophysiology **3 credit(s)**
- NUR 376 - Pharmacology for Nurses **3 credit(s)**

Spring Semester

- NUR 313 - Nursing Research and Evidence-Based Practice **3 credit(s)**
- NUR 217 - The Wellness Continuum for Adults I **6 credit(s)**
- NUR 323 - Mental Health Nursing **5 credit(s)**

Summer Semester

- NUR 307 - The Wellness Continuum II **7 credit(s)**
- NUR 338 - The Wellness Continuum for Children and Families **3 credit(s)**
- NUR 433 - Community and Public Health Nursing **5 credit(s)**

Fall Semester II

- NUR 438 - The Wellness Continuum for Women, Newborns and Families **4 credit(s)**
- NUR 452 - Caring for Adults with Complex Health Alterations **9 credit(s)**
- NUR 456 - Nursing Leadership **3 credit(s)**

Total Credits in the Program: 120

Business Administration, B.S.

The Bachelor of Science in Business Administration provides the business competencies that employers look for in their workforce. Students prepare to meet the challenges of a changing marketplace in a wide variety of local and global industries while preparing for leadership roles within the business arena. The Bachelor of Science in Business Administration focuses on developing students to understand and support organizational missions.

This degree program is focused on realistic, accurate, and sound interpretations of the complexity and diversity found in today's global economy. The program strives to be consistent in scope with University standards and industry outcomes. This program of study integrates analysis of theory, case studies, projects and research so students may apply these to practical situations in the daily workplace. Students are further encouraged to develop thoughtful and creative approaches to understanding business models that are assessable, and observable. The degree program emphasizes ethical business behavior while promoting corporate social responsibility and social enterprise.

The Bachelor of Science in Business Administration is thus a comprehensive response to the demand for business skills in an ever-increasing global market and competitive workplace. Many people in the workplace may seek career opportunities in small to mid-size businesses, explore their own start-up or franchise business, or assume a role in a community-oriented nonprofit. Participants develop the requisite skills and knowledge that are needed for small business employers and nonprofit organizations. The skills and knowledge taught in this program relevant to the business arena help develop competent personnel in any organization through the understanding of marketing, operations, organizational structures and best practices for contemporary small businesses whether profit-driven or not. As participants in business life,

students in this program develop the knowledge and competencies to become contributors to their organization's success. They may even exercise formal or informal leadership roles in their respective organizations and are thus well versed in contemporary business theories and practices to make their inculcation into an organization more effective.

Program learning outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate a comprehensive knowledge of core business areas, including finance, marketing and social media.
2. Demonstrate quantitative and technical skills to analyze data, interpret results, and improve business operations.
3. Develop communication plans using social media and digital marketing strategies.
4. Apply ethical principles and corporate social responsibility within the business environment.
5. Describe socio-cultural, political-legal, and economic dimensions of global business, preparing them for the international marketplace.
6. Utilize digital tools and technologies to support and enhance business operations.
7. Evaluate information management, planning, and control in business environments to make informed decisions.

Graduation requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.5 in the major.

General Education core requirements - 40 credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **3 credit(s)**
- ENG 325 - Advanced Writing for the Business Professional **3 credit(s)**
- MATH 1XX - Mathematics (MATH) **3 credit(s)**
- Science (BIO, CHEM, SCI) **4 credit(s)**
- Social Science (PSY, SOC) **6 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **3 credit(s)**
- General Education Electives **15 credit(s)**

Programmatic general education requirements - 6 credits

- STAT 167 - Principles of Statistics **3 credit(s)**
- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**

Business Administration major core requirements - 48 credits

Freshman year

- ACC 1XX - Accounting Elective **3 credit(s)**
- BUS 101 - Introduction to Management **3 credit(s)**
- BUS 110 - Business Law and Ethics **3 credit(s)**
- ECN 1XX - Economics Elective **3 credit(s)**

Sophomore year

- BUS 132 - Budgeting and Planning **3 credit(s)**
- BUS 135 - Customer Relations in a Multicultural World **3 credit(s)**
- BUS 150 - Small Business and Entrepreneurship **3 credit(s)**
- BUS 215 - Marketing **3 credit(s)**

Junior year

- BUS 265 - Principles of Finance **3 credit(s)**
- BUS 2XX - Directed Elective* **3 credit(s)**
- BUS 305 - E-Business **3 credit(s)**
- BUS 310 - Targeted Marketing and Social Media **3 credit(s)**

Senior year

- BUS 3XX - Directed Elective* **3 credit(s)**
- BUS 410 - Theory and Practice of Business Research **3 credit(s)**
- BUS 4XX - Directed Elective* **3 credit(s)**
- BUS 490 - Capstone: Strategic Planning **3 credit(s)**

Note:

* Directed elective courses may be taken from courses with the following prefixes: ACC, BUS, ECN, OS, or BMM at the appropriate levels.

Open electives - 27 credits

Total Credits in Program: 121

Health Science, B.S.

The Bachelor of Science in Health Science program is an interdisciplinary program designed to provide career advancement opportunities for entry-level health profession practitioners as well

as individuals who wish to begin their careers in healthcare. This program encourages students with different backgrounds and interests; the program helps students achieve their educational goal through three different concentrations: Healthcare Administration, Epidemiology, or Health Informatics. Students are advised throughout the program to determine their professional goals and to develop and follow a plan of study to meet those goals. Graduates of associate degree or certificate programs, such as Medical Assisting, Medical Billing and Coding, Occupational Therapy Assistant, and Respiratory Care can enroll in this program as a step toward career advancement and apply previous credits earned toward a baccalaureate degree.

Students choose one of the following health science concentrations:

1. **Healthcare Administration** Students will acquire knowledge of the business challenges specific to the healthcare delivery system, and will gain an appreciation of the manager's role within a healthcare and public health environment.
2. **Epidemiology Concentration** Students will acquire knowledge of the role epidemiology has in a healthcare and public health setting. Students will gain a strong understanding of statistical concepts involved in biological processes and apply these concepts towards improving the health of diverse populations.
3. **Health Informatics Concentration** Students will acquire knowledge on how to manage, analyze, and utilize healthcare data and information systems to improve patient care, healthcare operations, and clinical decision-making.

All students completing an internship must successfully pass a background check and drug test before the internship will be approved. Forms are provided by program personnel.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate a strong foundation in basic behavioral, natural, social and health sciences appropriate to entry-level positions in healthcare.
2. Communicate and present verbal, visual and written ideas, and information clearly and accurately in a way that represents competence and professionalism in the healthcare field.
3. Interpret and explain policy within the ethical, legal, and regulatory framework of the healthcare industry.
4. Identify and describe the different roles of healthcare professionals and develop skills to become an effective team member.
5. Demonstrate an understanding of critical thinking skills used in healthcare.
6. Appreciate diversity, differing belief and value systems, as well as appreciate individual opinions within the healthcare environment.
7. Develop self-directed and engaged learning skills needed for independent and lifelong learning.
8. Identify health determinants to improve health equity across all populations.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog.

Curriculum Requirements

General Education Core Requirements - 40 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- ENG 2XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- STAT 167 - Principles of Statistics **3 credit(s)**
- BIO 1XX - Science Elective **Credit(s): 4**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 12**

Health Science Major Core Requirements - 43 Credits

- CHEM 101 - Chemistry **4 credit(s)**
- HSC 101 - Introduction to Healthcare **3 credit(s)**
- HSC 105 - Medical Terminology **3 credit(s)**
- HSC 120 - Health and Wellness **3 credit(s)**
- HSC 218 - Interprofessional Learning and Collaboration in Healthcare **3 credit(s)**
- HSC 310 - U.S. Healthcare Delivery Systems **3 credit(s)**
- HSC 312 - Organization and Administration of Long-Term Care **3 credit(s)**
- HSC 350 - Continuous Quality Improvement **3 credit(s)**
- HSR 240 - Disability, Society, and the Individual **3 credit(s)**
- PBH 110 - Introduction to Public Health **3 credit(s)**
- PBH 212 - Public Health Informatics **3 credit(s)**
- PBH 305 - Ethics in Public Health **3 credit(s)**
- PSY 420 - Research Methods **3 credit(s)**
- HSC 450 - Senior Capstone **3 credit(s)**
  OR
- HSC 460 - Senior Internship **3 credit(s)**

OPEN Electives - 18 Credits

- OPEN Elective **Credit(s): 18**

Concentration Requirements - 21 Credits

Students will select one of the following concentrations to complete the program.

- Epidemiology
- Healthcare Administration
- Health Informatics

Total Credits in the Program: 122

Human Services, B.S.

The Bachelor of Science in Human Services program is designed to prepare students for entry- and mid-level positions in a wide array of human services organizations. Coursework is designed around three primary areas: general education core, human services core, and electives.

General Education core courses help students develop broad skills specifically identified by employers throughout our region as being essential for success in the human services field. Those include writing, public speaking, ethics, and computer literacy, among others.

Human Services core courses help students develop competence in the broader areas of the human services profession, such as conducting intakes and assessments, interviewing and counseling, case management, and advocacy. These competencies are used by human services professionals in a wide array of careers and are generally applicable to the broad spectrum of human services positions.

Electives, chosen in conjunction with the advisor, enable the students to focus their degree on a specific area of interest within the profession. These include, among other areas: children and youth, disability studies, substance abuse, domestic violence, veterans service and services, rehabilitation, criminal justice and gerontology.

Early in their program, students will have exposure to the field through a 180-hour internship where they will apply their recent learning at a local human service organization and experience first-hand the day-to-day practices of human service professionals. During their senior year, students will participate in a capstone project.

Through our extensive connections to the regional human service community, we seek to assist students with selecting and applying for internships for their internship experience with organizations and agencies that most align with students' career goals.

Students earning a Bachelor of Science in Human Services degree are prepared to make a significant contribution to the human services workforce, the people they serve, and their community. Others may choose to continue their studies in a range of master's level programs including Human Services, Counseling, Social Work, Psychology, Rehabilitation, Youth Development, Gerontology, Criminal Justice, and Education among many others.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Create plans of action for improving service system outcomes.
2. Describe the function of government in human service organizations and role of public policy implications for practice.
3. Design person-centered, evidence-based, and strength-based approaches to service delivery that honor the individual's right to self-determination.
4. Apply relevant information resources to inform decision-making, service delivery models, tailored interventions, and advocacy for policy changes.
5. Apply evidence-based research methods to identify and address issues within human services systems.
6. Demonstrate professional, ethical, and culturally responsive standards in practice.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Human Services core courses and PHIL 105 with a minimum grade of "C" in each course and have a minimum cumulative GPA of 2.3.

Curriculum

General Education Core Requirements - 28 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- SCI 1XX - Science w/lab (SCI) **Credit(s): 4**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- PHIL 105 - Ethics, Values, and Cultural Competence in Practice **3 credit(s)**
- General Education Elective **Credit(s): 9**

Programmatic General Education Core Requirements - 12 Credits

- COM 105 - Interpersonal Communications **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- PSY 212 - Lifespan Development **3 credit(s)**
- ENG 3XX - English Elective **Credit(s): 3**

Human Services Major Core Requirements - 45 Credits

Freshman Year

- HSR 101 - Introduction to Human Services **3 credit(s)**

- HSR 105 - Community Organization and Advocacy **3 credit(s)**
- HSR 210 - Introduction to Research in Human Services **3 credit(s)**
- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**

Sophomore Year

- HSR 240 - Disability, Society, and the Individual **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**
- HSR 298 - Human Services Internship II **3 credit(s)**
- HSR 325 - Case Management: Principles and Practice **3 credit(s)**

Junior Year

- HSR 350 - Crisis Prevention and Intervention **3 credit(s)**
- PSY 350 - Cultural Psychology **3 credit(s)**
- HSR 335 - Social Policy in America **3 credit(s)**
  OR
- SOC 335 - Social Policy in America **3 credit(s)**

Senior Year

- HSR 410 - Human Trafficking **3 credit(s)**
- PSY 420 - Research Methods **3 credit(s)**
- HSR 493 - Human Services Capstone I **3 credit(s)**
- HSR 494 - Human Services Capstone II **3 credit(s)**

Human Services Electives - 15 Credits

- DIRECTED Electives Credit(s): 15*

*Directed Elective credits may be taken from PSY, SOC, HSR, PBH, HSC, and BUS courses.

Electives - 21 Credits

- Open Electives **Credit(s): 21**

Total Credits in the Program: 121

Manufacturing Management, B.S.

The Bachelor of Science in Manufacturing Management is designed to prepare students for entry- and mid-level positions in a wide array of manufacturing organizations. Coursework is designed around two primary areas:

General Education core courses facilitate the student's development in broad skills specifically identified by employers throughout our region as being essential for success in manufacturing management. Those include computer literacy, communication, math, science, social science, and a global perspective.

Manufacturing core courses provide the student with the knowledge necessary to develop competencies and obtain the skills that they need to succeed. Focus is on supervision of manufacturing processes, management of human and machine resources, assurance of lean processes and production of high-quality product, all of this within budgetary and schedule constraints. Core manufacturing courses in conjunction with manufacturing electives, chosen with advice from the Program Director, enable students to focus their degree on a specific area of interest within their manufacturing profession. These include, operations management, manufacturing supervision, lean manufacturing, manufacturing logistics, industrial safety, production planning and control, quality management, purchasing and customer service. The students will also gain hands-on experience in fabrication, quality, logistics and advanced manufacturing laboratories. Throughout the manufacturing management program there is a strong emphasis on leadership, teamwork, problem solving and safety.

In addition to earning the degree, the student will have the opportunity to earn nationally-recognized, portable credentials from the Manufacturing Skill Standards Council (MSSC) including the Certified Production Technician (CPT) credential, and the Certified Logistics Technician (CLT) credential.

Students may concentrate in CNC Machining or Quality Management Systems; the core requirements of which are listed under their respective Associate in Science degree. The concentration in CNC Machining prepares students for entry-level positions as CNC operators. This concentration integrates an understanding of manufacturing processes, a knowledge of materials, a working knowledge of manufacturing mathematics, a competence in technical drawing and specifications, an understanding of computer-aided machining, and the hands-on machining skills needed for CNC operators.

The concentration in Quality Management Systems prepares students for entry-level positions as quality technicians. This concentration covers the basics of quality management, manufacturing principles, quality inspection techniques, materials & processing, interpreting engineering drawings, problem solving, measurement and test equipment, calibration, lean manufacturing, statistical process control, teamwork and supplier quality control.

Students earning a Bachelor of Science in Manufacturing Management are prepared to make a significant contribution to manufacturing and production.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Control the flow of material with appropriate process documentation in the most efficient manner, while employing lean principles, operational flow strategies, value stream management, inventory mapping, inventory control and scheduling;
2. Apply management competencies toward human capital and other resources in the manufacturing process;
3. Apply financial metrics to the manufacturing decision process;
4. Apply stakeholder-relevant competencies in support of customer desires and needs;
5. Develop skills to manage operations and strategically plan for the long-term viability of a manufacturing business for the purpose of promoting the mission, vision and core values;
6. Establish a quality management process, develop grades and standards of quality, and provide staff training to facilitate corrective action;
7. Implement a manufacturing process that results in recognized credentials from CPT, CPT-Green, and CLT; and
8. Apply relevant metrics to drive continuous improvement.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

Curriculum

General Education Core Requirements - 40 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- ENG 325 - Advanced Writing for the Business Professional **3 credit(s)**
- MATH 1XX - Mathematics (MATH 135 or higher) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 4**
- Social Science (PSY, SOC) **Credit(s): 6**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 15**

Programmatic General Education Requirements - 3 Credits

- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**

Manufacturing Management Major Core Requirements - 51 Credits

Freshman Year

- BMM 101 - Key Principles of Manufacturing **3 credit(s)**
- BMM 110 - Technology in Advanced Manufacturing **3 credit(s)**

- OS 101 - Team Dynamics and Individual Skills **3 credit(s)**
- OS 180 - Organizational Supervision and Administrative Roles **3 credit(s)**
- BUS 101 - Introduction to Management **3 credit(s)**

Sophomore Year

- ACC 110 - Applied Accounting **3 credit(s)**
- BUS 132 - Budgeting and Planning **3 credit(s)**
- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- OS 210 - Organizational Communications **3 credit(s)**
- BMM 135 - Green Manufacturing **3 credit(s)**
  OR
- BMM 125 - Manufacturing Logistics **3 credit(s)**

Junior Year

- BMM 3XX - Manufacturing Elective **Credit(s): 3**
- BMM 320 - Facilities and Planning **3 credit(s)**
- BUS 330 - Operations Management **3 credit(s)**
- BMM 350 - Six Sigma Green Belt Training **3 credit(s)**

Senior Year

- BMM 4XX - Manufacturing Elective **Credit(s): 3**
- BMM 440 - Industrial Safety **3 credit(s)**
- BMM 460 - Quality Management Systems **3 credit(s)**

Open Electives - 27 Credits

Total Credits in the Program: 121

Professional Studies, B.S.

The Bachelor of Science in Professional Studies (BSPS) is a flexible, career-focused, degree-completion program designed to foster both career advancement and new opportunities.

This program enables students to enhance their professional capabilities through the development of critical thinking, communication, research, and interpersonal skills.

Due to its customizable curriculum, students should work closely with their academic advisor to ensure all curriculum requirements are met.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Express ideas through various modes of communication.
2. Apply information literacy skills to further professional and personal growth.
3. Apply critical thinking to solve professional and personal problems.
4. Analyze global, social, political, and economic trends through the lens of Diversity, Equity, Inclusivity, and Social Justice.
5. Describe how identity, values, and diversity shape human experience.
6. Propose evidence-based solutions to problems of professional practice.
7. Evaluate ethical implications of professional and personal behavior.
8. Synthesize various forms of data to cultivate professional and personal growth.

Graduation Requirements

Students must complete all general graduation requirements as stated in the catalog. Students must complete the Professional Studies Capstone (PRO 495).

Curriculum

General Education Requirements - 40 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- ENG 3XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 4**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 15**

Programmatic General Education Requirements - 6 Credits

- COM 101 - Public Speaking **3 credit(s)**
  OR
- COM 105 - Interpersonal Communications **3 credit(s)**
- STAT 167 - Principles of Statistics **3 credit(s)**

Professional Studies Major Core Requirements - 33 Credits

- Courses in the student's designed major core (1XX or higher) **Credit(s): 27**
- PRO 495 - Professional Studies Capstone **3 credit(s)**
- PSY 420 - Research Methods **3 credit(s)**

Electives - 42 Credits

- 2XX - Elective **Credit(s): 21**
- 3XX - Elective **Credit(s): 21**

Total Credits in the Program: 121

Public Health, B.S.

*****Please note, this program is closing and is no longer enrolling new students.*****

The Bachelor of Science in Public Health program is comprised of evidence-based approaches to address health challenges across communities and populations. The Public Health program explores strategies for preventing disease, prolonging life and improving the health of communities. The curriculum combines multidisciplinary approaches from medicine, social sciences, and public policy. Graduates are prepared for careers in government agencies, non-profit organizations, research institutions, healthcare systems, and international health organizations, working to improve population health through prevention, education, and intervention programs. The Bachelor of Science in Public Health will prepare students for careers that require strong bachelor's level preparation as well as graduate programs in public health.

Students choose one of the following public health concentrations:

1. **Epidemiology Concentration** Students will acquire knowledge of the role epidemiology has in a healthcare and public health setting. Students will gain a strong understanding of statistical concepts involved in biological processes and apply these concepts towards improving the health of diverse populations.
2. **Health Communication and Policy Concentration** Students will acquire knowledge on the intersection of effective health messaging and policy development to influence public health outcomes. This specialized area prepares students to translate complex health information into accessible content and develop policies that address public health challenges.
3. **Health Informatics Concentration** Students will acquire knowledge on how to manage, analyze, and utilize healthcare data and information systems to improve patient care, healthcare operations, and clinical decision-making.

All students completing an internship must successfully pass a background check and drug test before the internship is approved. Forms are provided by program personnel.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Identify socioeconomic, behavioral, biological, environmental, and other health determinants that contribute to health and social inequities.

2. Compare the fundamental characteristics and organizational structures of the US health system to systems in other countries.
3. Evaluate the efficacy of culturally responsive interventions for disease prevention and health and wellness promotion across the life span.
4. Integrate legal, ethical, economic, and regulatory dimensions in public health policy analysis.
5. Analyze the impact of local, state, and federal legislation, regulations, and standards on public health practice.
6. Evaluate data sources used in public health.
7. Apply the principles of leadership, health communication, and data analyses to guide decision making in community health initiatives.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog.

Curriculum

General Education Core Requirements - 40 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- ENG 2XX - English Elective **Credit(s): 3**
- MATH 125 - Mathematical Applications for the Health Sciences **3 credit(s)**
- STAT 167 - Principles of Statistics **3 credit(s)**
- BIO 120 - Human Biology **4 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- PHIL 105 - Ethics, Values, and Cultural Competence in Practice **3 credit(s)**
- General Education Electives **Credit(s): 12**

Note:

** Elective credits may be chosen from any general education course, unless directed by the program. General education courses contain the following prefixes: ENG, MATH, STAT, CAP, COM, BIO, CHEM, SCI, HIS, HUM, PHIL, SPAN, PSY, and SOC.

Public Health Major Core Requirements - 66 Credits

- PBH 110 - Introduction to Public Health **3 credit(s)**
- PBH 210 - Health Behavior and Chronic Disease **3 credit(s)**
- PBH 212 - Public Health Informatics **3 credit(s)**
- PBH 271 - Issues of Diversity and Equity in Public Health **3 credit(s)**

- PBH 379 - Social and Behavioral Aspects of Public Health **3 credit(s)**
- PBH 301 - Leadership in Health **3 credit(s)**
- HSC 410 - Epidemiology **3 credit(s)**
- PBH 305 - Ethics in Public Health **3 credit(s)**
- PBH 310 - Occupational Health in the United States **3 credit(s)**
- PBH 315 - Injury Prevention and Public Safety **3 credit(s)**
- PBH 280 - Introduction to Global Health **3 credit(s)**
- PBH 252 - Human Health in the Environment **3 credit(s)**
- PBH 400 - Community Health **3 credit(s)**
- PSY 420 - Research Methods **3 credit(s)**
- HSC 450 - Senior Capstone **3 credit(s)**
  Or
- HSC 460 - Senior Internship **3 credit(s)**
- OPEN Electives **Credit(s): 21**

Concentration Requirements - 15-16 Credit(s)

Students choose one of the following concentrations to complete the Public Health program. Credit for the concentration requirements is based on the concentration selected.

Health Informatics Concentration

- HSC 105 - Medical Terminology **3 credit(s)**
- PBH 215 - Introduction to Healthcare Informatics **3 credit(s)**
- PBH 322 - Health Administration **3 credit(s)**
- PBH 340 - Data Mining and Knowledge Discovery **3 credit(s)**
- PBH 412 - Database Design and Implementation **3 credit(s)**

Health Communication and Policy Concentration

- HSR 105 - Community Organization and Advocacy **3 credit(s)**
- PBH 300 - Introduction to Public Health Policy **3 credit(s)**
- PBH 302 - Public Health Personnel and Administration **3 credit(s)**
- PBH 322 - Health Administration **3 credit(s)**
- PBH 405 - Health Communication and Literacy **3 credit(s)**

Epidemiology Concentration

- BIO 1XX - Biology Elective **Credit(s): 3 - 4**
- HSC 105 - Medical Terminology **3 credit(s)**
- HSC 350 - Continuous Quality Improvement **3 credit(s)**
- PBH 340 - Data Mining and Knowledge Discovery **3 credit(s)**
- PBH 415 - Population Health **3 credit(s)**

Total Credits in the Program: 121 - 122

RN-to-BSN Program, B.S.

RN-to-BSN nursing education prepares nurses to practice in a variety of settings by providing students with state-of-the-art preparation for careers in healthcare and science-based disciplines. Additionally, RN-to-BSN nursing education provides opportunities for the development and clarification of values, the development of assessment, evaluative, teaching and communication skills, the development and refining of technical skills that are required for delivery of quality nursing care and the development of problem-solving and critical thinking skills.

BSN prepared nurses function as active and knowledgeable participants in the health care delivery system as well as global citizens with an understanding of information technologies that link parts of the world. Students learn about the organization and finance of health systems and how to participate in and influence political and other processes that affect health care delivery using evidenced based practice methods.

Admission Requirements

Applicants are required to:

- Hold a current unencumbered Registered Nurse license in the state where they practice nursing*;
- Complete the application for admission into Goodwin University (applicants to the nursing program must first meet the requirements for admission and be accepted into Goodwin University);
- Complete the Bachelor of Science in Nursing Program Application; and
- Attend an academic advising session with the Nursing Department Academic Advisor.

**Students who have graduated from the Goodwin University Associate in Nursing Program only may be admitted to the RN-BSN track and take NUR 303, NUR 308, and NUR 312, and any general education requirement for two semesters without an RN license.*

Accepted Students

- All university-required immunizations and requirements must be completed before the start of the program.
- Students are required to maintain current certification in Cardio-Pulmonary Resuscitation (Health Provider or Professional Rescuer by the American Heart Association or the Red Cross).
- Students are required to maintain an unencumbered RN license during tenure in the program, with the exception noted above.

Program Learning Outcomes

Graduates of the BSN Program will demonstrate mastery of the AACN (2021) Competencies and level-1 Sub-competencies within the Ten Domains for Nursing across the Four Spheres of Care, leading to the achievement of the following BSN End-of-Program Outcomes:

1. Establish a basis for clinical judgment and innovation based on nursing knowledge, ways of knowing, and knowledge from other disciplines. Domain 1
2. Provide person-centered and evidence-based nursing care emphasizing diversity, equity and inclusion. Domain 2, 4, 9
3. Manage population health across settings in collaboration with diverse partners that leads to the improvement of equitable health outcomes. Domains 3, 6, 9, 10
4. Demonstrate the application, translation, and implementation of best evidence into clinical practice, policy, and leadership. Domains 1, 4, 5, 7, 9, 10
5. Demonstrate knowledge and use of established and emerging safety science principles in care delivery. Domains 1, 5, 7
6. Demonstrate professional partnerships built on core professional nursing values in providing team-based, person-centered care. Domains 2, 6, 7, 9
7. Apply knowledge of systems and evidence-based practice to provide safe, quality, and equitable care to diverse populations. Domains 1, 2, 3, 4, 5, 7, 8, 9, 10
8. Utilize informatics processes and technologies to provide safe and high-quality healthcare services in accordance with best practices. Domains 4, 5, 7, 8, 9, 10
9. Cultivate a sustainable professional nursing identity that includes self-reflective practice, health care policy advocacy, accountability, collaborative disposition, and comportment that reflects nursing's characteristics and values. Domains 6, 9, 10
10. Demonstrate a capacity for leadership that includes a commitment to activities that foster personal health, resilience, lifelong learning, and active membership in the profession. Domains 9, 10

Nursing Department Policies

Policies specific to the RN-BSN track may be found in the RN-BSN Nursing Student Handbook.

Graduation Requirements

The following requirements must be met to graduate from the nursing program:

1. Completion of the course requirements. General education courses and open electives must be completed with a "C" or higher
2. Completion of each RN-BSN nursing core course with a grade of C+ as well as an academic average of 2.3 within the maximum time frame (no greater than nine (9) semesters or three years)
3. Fulfillment of all financial obligations to the University.

4. A minimum of thirty (30) credit hours at the 3XX or 4XX levels, including all upper division nursing courses.

Curriculum

Associate in Nursing Core Requirements - 62 Credits

Students may receive 62 credits for previous course work as a part of their Associate Degree in Nursing Program via the Connecticut Articulation Model. The courses or their equivalent are below:

- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**
- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- PSY 212 - Lifespan Development **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- Lower Division Nursing Courses

General Education Core Requirements - 27 Credits

- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- HIS 1XX - History Elective **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- COM 1XX - Communications Elective **Credit(s): 3**
- CAP 1XX - Computer Literacy Elective **Credit(s): 3**
- STAT 167 - Principles of Statistics **3 credit(s)**
- ENG 3XX - English Elective **Credit(s): 3**
- PBH 305 - Ethics in Public Health **3 credit(s)**
- SOC 320 - Health and Social Issues in Aging **3 credit(s)**

Open Electives - 7 Credits

- OPEN Elective (1XX) **Credit(s): 4**
- OPEN Elective (1XX) **Credit(s): 3**

Upper Division Nursing Core Requirements - 24 Credits

- NUR 303 - Foundations of Professional Nursing **3 credit(s)**
- NUR 308 - Principles of Pathophysiology **3 credit(s)**
- NUR 312 - Health Assessment **3 credit(s)**
- NUR 353 - Introduction to Nursing Research **3 credit(s)**

- NUR 364 - Public and Community Health Nursing **3 credit(s)**
- NUR 383 - Pharmacotherapeutics Across the Lifespan **3 credit(s)**
- NUR 463 - Introduction to Healthcare Policy and Advocacy **3 credit(s)**
- NUR 464 - Leadership and Management in Nursing **3 credit(s)**

Total Credits in the Program: 120

Associate

Business Administration, A.S.

The associate degree program in Business Administration provides a foundation in business that will prepare students for direct entry into the workforce or to pursue a baccalaureate degree. The Business Administration curriculum helps students comprehend the underlying business principles and develop the ability to analyze and solve problems faced by managers whether in corporations, small businesses, government agencies or nonprofit organizations.

The program provides an introduction to business and its global connections. It addresses business law and ethics, corporate social responsibility, social enterprise, business planning and development, effective leadership, as well as the fundamentals of accounting, budgeting, and marketing principles. Students also explore the basics of business communication, economic theories and effective forecasting.

Each student builds a business plan relevant to his or her career aspirations that integrates skills and knowledge learned in the various courses. An optional 150-hour internship may be undertaken at the end of the student's program where classroom experiences will be applied in a real business environment. Wherever possible, the specific business chosen for the internship will reflect the student's desired career goal.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate a comprehensive understanding of core business disciplines, including management, marketing, accounting, finance, operations, human resources, economics, and business law.
2. Convey ideas and information in diverse business contexts through oral, written, and electronic communication.
3. Apply analytical skills to evaluate data and implement business theories to address challenges and make informed decisions.
4. Apply ethical principles and social responsibility within the business environment, promoting integrity and ethical behavior.
5. Utilize digital tools and technologies to support and enhance business operations.

6. Describe the socio-cultural, political-legal, and economic dimensions of business in a multi-cultural community.
7. Develop leadership and interpersonal skills essential for effective teamwork and management in today's business environment.
8. Demonstrate practical technical skills necessary for pursuing entry-level positions and various administrative roles in the business sector, such as business plans, budgets, marketing, and team management.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

Curriculum requirements

General education requirements - 21-22 credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **3 credit(s)**
- MATH 1XX - Mathematics (MATH) **3 credit(s)**
- Science (BIO, CHEM, SCI) **3-4 credit(s)**
- Social Science (PSY or SOC) **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **3 credit(s)**
- General Education Elective **3 credit(s)**

Non major core requirements - 3 credits

- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**

Business Administration major core requirements - 21 credits

Freshman year

- BUS 101 - Introduction to Management **3 credit(s)**
- BUS 110 - Business Law and Ethics **3 credit(s)**
- BUS 135 - Customer Relations in a Multicultural World **3 credit(s)**
- ACC 1XX - Accounting Elective **3 credit(s)**

Sophomore year

- ECN 1XX - Economics Elective **3 credit(s)**
- BUS 121 - Personal Finance and Insurance **3 credit(s)**
- BUS 132 - Budgeting and Planning **3 credit(s)**

Electives - 3 credits

- BUS 1XX - Elective **3 credit(s)**
  OR
- ACC 1XX - Accounting Elective **3 credit(s)**

Concentration requirements - 12 credits

Students will select one of the following concentrations to complete the program.

- Open
- Entrepreneurship
- Human Resource Management
- Manufacturing Management

Total Credits in the Program: 60-61 credits

CNC Machining, A.S.

The Associate in Science in Computer Numerical Control (CNC) Machining program, prepares students for entry-level positions in CNC Machining or to pursue a baccalaureate degree. It is also an excellent program for people already working in the CNC Machining field without a degree, who seek advancement opportunities in their chosen career which require an associate degree.

The program prepares graduates for employment in the manufacturing field as a CNC operator. This program of study integrates an understanding of manufacturing processes, a knowledge of materials, a working knowledge of manufacturing mathematics, a competence in technical drawing and specifications, an understanding of computer-aided machining, and the hands-on machining skills needed for CNC machining.

Students completing an Associate in Science in CNC Machining will earn 60-61 credits and have the opportunity to receive nationally-recognized credentials from the Manufacturing Skill Standards Council (MSSC) as a Certified Production Technician (CPT).

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Enhance their skills and knowledge of computer numerical control (CNC) machining in manufacturing sectors through collaboration, presentation and continuous learning;
2. Earn nationally-recognized, portable credentials from the Manufacturing Skill Standards Council (MSSC);

3. Promote and facilitate upward educational and career mobility by providing students with the knowledge, skills, and abilities to effectively integrate themselves into any manufacturing organization;
4. Practice critical thinking and creativity that empowers them to reach their personal, academic, and professional goals;
5. Apply critical thinking skills, the scientific method and problem analysis in manufacturing;
6. Integrate the fields of management, social sciences, and humanities into an academic tract that prepares students to utilize the skills learned in the classroom within diverse settings and with a variety of populations;
7. Develop skills to participate meaningfully in the manufacturing operations for the long-term viability of a manufacturing business for the purpose of promoting the mission, vision, and core values.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

Curriculum

General Education Core Requirements - 21-22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **3 credit(s)**
- MATH 1XX - Mathematics (MATH 135 or higher) **3 credit(s)**
- Science (BIO, CHEM, SCI) **3-4 credit(s)**
- Social Science (PSY or SOC) **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **3 credit(s)**
- General Education Elective **3 credit(s)**

Non-Major Core Requirements - 3 Credits

- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**

CNC Machining Major Core Requirements - 36 Credits

Freshman Year

- BMM 101 - Key Principles of Manufacturing **3 credit(s)**
- BMM 110 - Technology in Advanced Manufacturing **3 credit(s)**
- OS 101 - Team Dynamics and Individual Skills **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 175 - CNC Machining **3 credit(s)**

Sophomore Year

- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**
- BMM 275 - CNC Machining II **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**
- BMM 276 - CNC Machining Applications **3 credit(s)**
- BMM 241 - CAM II **3 credit(s)**
- BMM 1XX - Directed Elective* **3 credit(s)**

Note:

*Directed elective credits may be from any School of Business, Technology, and Advanced Manufacturing course, unless directed by the program. Directed elective courses contain the following prefixes: BUS, OS, and BMM at the appropriate level.

Total Credits in the Program: 60-61

Dental Hygiene, A.S.

The Associate of Science in Dental Hygiene program is designed to equip students with the skills to become professionals ready to assist the public and the community. The program provides clinical and therapeutic services as well as dental hygiene education. The program is centered on evidence-based learning with the theoretical foundation and hands-on classwork that prepares students for the workforce and engenders an appreciation for lifelong learning. Twenty-eight (28) students are accepted each summer semester into the program. The date of application submission and points attained in the Point System will dictate the class roster's placement order.

Dental Hygienists are required to be licensed in the state where they practice. Upon completion of the 80-credit curriculum, students are qualified to take the National Board Dental Hygiene Examination (NBDHE) and the American Board of Dental Examiners clinical exam, which are requirements for state licensure. The Dental Hygiene Program (DHP) has been granted accreditation status by the American Dental Association Commission on Dental Accreditation for Dental Hygiene Education Programs as: Approval without reporting requirements.

Admission Requirements

The DHP is a rigorous and intensive program that is both physically and mentally demanding. Due to the limited number of 28 seats available each year, selective admission based on the entrance criteria below. To qualify for admission the applicant must:

1. Complete the online application for admission to the DHP. Associate in Dental Hygiene Application. If you are a current student at Goodwin University, ensure all transcripts are uploaded into Ellucian. If you are new to Goodwin University or need to re-enroll, please contact the admissions department first.
2. Have a minimum college GPA of 2.7 by the end if the fall application cycle. A higher GPA will make an applicant more competitive and may increase chances of acceptance.
3. Complete all prerequisite courses with a passing grade by the end of the fall semester in which you are applying.
4. Complete the following prerequisites with a "passing grade": COM 1XX Communications elective, CAP 1XX Computer Applications, ENG 101 English Composition or equivalent, ENG 1XX English elective, HUM 1XX Humanities Elective, PSY 112 Introduction to Psychology or equivalent, SOC 101 Introduction to Sociology or equivalent, BIO 120 Human Biology or equivalent.
5. Complete Math 1XX (Intermediate algebra or higher) and CHEM 101 - Chemistry with a "C" or higher.
6. Complete BIO 211 and BIO 212 Anatomy & Physiology I & II within five years of application to the DH program with a "C+" or higher.
7. Complete BIO 235 Microbiology within ten years of application to the DH program with a "C+" or higher.
8. Provide documentation on dental office letterhead of 8 hours of observation of dental hygiene services in a private practice in the previous 12 months. In lieu of observation hours, an applicant may sit as an active patient in the dental hygiene clinic for a current DH student.
9. Be able to perform all functional abilities required of a dental hygienist. Dental Hygienist Functional Abilities | Goodwin University
10. Each qualified applicant will be invited for an interview with the Program Director. Interview question responses will be measured with a rubric that assesses program readiness and understanding. At the conclusion of the interview, each applicant will be required to hand write an essay of approximately 500 words to be completed within 30 minutes. Essay topic questions will be given at that time, and responses will be measured with a rubric that assesses ability to sufficiently answer the question.
11. Successfully pass a background check, drug test, and Department of Children and Families check before official acceptance into the DHP will be granted. Forms are provided by program personnel.

Point System

The DHP utilizes a point system that assists in the ranking of prospective candidates. The points will be calculated by the Dental Hygiene Program Academic Advisor.

Previous College Education	**Score**
Associate Degree or >60 Credits	2

Bachelor's Degree	3
Master's Degree	4
Completion of Any Course(s) at Goodwin University	
1 course	1
2 courses	2
3 courses	3
4 courses	4
5 courses	5
6 courses	6
7 courses	7
Cumulative College GPA (Based on a minimum of 12 credits. Students with less than 12 credits will be given a score of 1 point only)	
2.7 - 3.0	1
3.1 - 3.5	2
3.6 - 4.0	3
Essay (Writing Skills) Essays are assessed using a rubric to identify appropriate skill level.	
Poor (23-28)	1
Average (29-34)	2
Excellent (35-40)	3
Total Possible Points	17

Accepted Students

DHP students will be required to provide documentation of a physical exam (within 2 years) and immunizations prior to starting the program. Students' immunizations must remain current throughout the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- MMR vaccination or titer

- Varicella vaccination or titer
- A one time, two-step PPD vaccination or Quantiferon Gold (within 1 year)

All students must provide proof of CPR Certification for Healthcare Providers (BLS) by the American Heart Association prior to the 2nd semester of the program.

All students must acquire health insurance and purchase student liability insurance to participate in the DH program. Liability insurance information will be given at the time of acceptance.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Provide competent dental hygiene care for patients of all age groups including geriatric, adults, adolescents and children.
2. Demonstrate the process of care in dental hygiene for all age groups including those with medical, physical, psychological, cognitive and social needs: assessment, diagnosis, planning, implementation, education and evaluation.
3. Implement effective communication to deliver culturally competent and inter-professional health care to diverse populations.
4. Implement the use of dental technology and learning platforms to provide comprehensive dental hygiene treatment and complete program assignments and student self-assessments.
5. Evaluate and incorporate current scientific literature to support evidence based dental hygiene care.
6. Create, implement, and evaluate community-based health programs that will improve health outcomes and reduce disparities in marginalized populations.

Dental Hygiene Program Policies

Policies specific to the DHP may be found in the Dental Hygiene Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Dental Hygiene core requirements with a minimum grade of "C+" or higher in both didactic and lab/clinical courses.

Curriculum

The four courses below are pre-requisites complete other courses or to apply for the DHP but they are not included in the 80 credits needed to graduate:

- BIO 120 - Biology **4 credit(s)**

- CAP 1XX - Computer Literacy **3 credit(s)**
- MATH 1XX - Mathematics **3 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**

General Education Core Requirements - 15 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **3 credit(s)**
- COM 1XX - Communications Elective **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **3 credit(s)**

Non-Major Core Requirements - 16 Credits

- CHEM 101 - Chemistry **4 credit(s)**
- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**

Dental Hygiene Core Requirements - 49 Credits

First Semester

- DHP 105 - Radiology **3 credit(s)**
- DHP 104 - Head and Neck Anatomy and Embryology **4 credit(s)**

Second Semester

- DHP 110 - Principles of Dental Hygiene I **4 credit(s)**
- DHP 202 - Nutrition **3 credit(s)**

Third Semester

- DHP 120 - Principles of Dental Hygiene II **4 credit(s)**
- DHP 102 - Periodontology **3 credit(s)**

Fourth Semester

- DHP 106 - Pharmacology and Pain Management **4 credit(s)**
- DHP 103 - Dental Materials **4 credit(s)**
- DHP 113 - General and Oral Pathology **3 credit(s)**

Fifth Semester

- DHP 210 - Principles of Dental Hygiene III **5 credit(s)**
- DHP 201 - Community and Public Health Dentistry **4 credit(s)**

Sixth Semester

- DHP 220 - Principles of Dental Hygiene IV **5 credit(s)**
- DHP 230 - Dental Hygiene Capstone **3 credit(s)**

Total Credits in the Program: 80

Funeral Service, A.S.

The Associate of Science in Funeral Service is designed to prepare the graduate for an entry-level position in the funeral service field. Educational experiences will be delivered through lectures, laboratories, and real-world internship opportunities. At the completion of all course work, the student may be eligible to take the National Board Examination from the International Conference of Funeral Service Examining Boards.

Admission Requirements

The following are the admission requirements for students applying to the Funeral Service program. Meeting minimum requirements does not guarantee admission into the program due to the limited number of seats available. Admission is based upon completion of the funeral service prerequisites and other requirements. If courses are in progress, acceptance will be conditional upon submission of an official transcript immediately upon completion. All requirements must be completed before enrolling in FNS 202, Funeral Service Management and Communications.

1. Complete the application for admission into Goodwin University. Applicants to the Funeral Service program must first meet the requirements for admission and be accepted into Goodwin University.
2. Complete the Funeral Service program application.
3. Earn a minimum GPA of 2.7 in the most recent university course work. University GPA is based on a minimum of 12 completed credits.
4. Complete Human Biology - BIO 120 or equivalent with laboratory component with a grade of a "C" or higher.
5. Complete Microbiology - BIO 235 or equivalent with laboratory component with a grade of a "C+" or higher. This course must be completed within the last ten years.

Point System

Funeral Service applicants who have satisfied all of the admission criteria will be selected according to the point system as specified below:

Previous University Education	**Score**
Associate Degree or >60 Credits	2
Bachelor's Degree	3
Master's Degree	4
Completion of courses taken at Goodwin University	
1 course	1
2 courses	2
3 courses	3
4 courses	4
5 courses	5
6 courses	6
7 courses	7
Cumulative GPA (applicable for Goodwin University courses only, based on a minimum of 12 credits)	
2.7 - 3.0	1
3.1 - 3.4	2
3.5 - 3.8	3
3.9 - 4.0	4
Total Possible Points	15

Accepted Students

All students must successfully pass a background check and drug screen before official acceptance into the Funeral Service program will be granted. Forms are provided by program personnel.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Explain the importance of funeral service professionals in developing relationships with the families and communities they serve.
2. Identify standards of ethical conduct in funeral service practice.
3. Interpret how federal, state, and local laws apply to funeral service in order to ensure compliance.
4. Apply principles of public health and safety in the handling and preparation of human remains.
5. Demonstrate technical skills in embalming and restorative art that are necessary for the preparation and handling of human remains.
6. Demonstrate skills required for conducting arrangement conferences, visitations, services, and ceremonies.
7. Describe the requirements and procedures for burial, cremation, and other accepted forms of final disposition of human remains.
8. Describe methods to address the grief-related needs of the bereaved.
9. Explain management skills associated with operating a funeral establishment.
10. Demonstrate verbal and written communication skills and research skills needed for funeral service practice.

Funeral Service Program Policies

Policies specific to the Funeral Service program may be found in the Funeral Service Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Funeral Service major core requirements with a minimum grade of "77%" or higher with the exception of FNS 298 which needs a minimum of an "80%" or higher. Students must also have a cumulative GPA of 2.7 or higher.

Curriculum

General Education Core Requirements - 25 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX -English Elective **Credits: 3**
- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- SCI 124 - Humans and Disease **3 credit(s)**
- BIO 120 - Human Biology **4 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **Credits: 3**

- FNS 207 - Funeral Service Psychology and Counseling **3 credit(s)**

Non-Major Core Requirements - 10 Credits

- BUS 101 - Introduction to Management **3 credit(s)**
- ACC 101 - Principles of Accounting I **3 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**

Funeral Service Major Core Requirements - 30 Credits

- FNS 202 - Funeral Service Management and Communication **4 credit(s)**
- FNS 205 - Restorative Art with Lab **4 credit(s)**
- FNS 209 - Funeral Service Law and Socio-Ethics **3 credit(s)**
- FNS 216 - Funeral Service History and Merchandising **4 credit(s)**
- FNS 218 - Embalming I and Thanato-Chemistry **4 credit(s)**
- FNS 220 - Embalming II and Cremation **3 credit(s)**
- FNS 297 - Funeral Service Internship **5 credit(s)**
- FNS 298 - Funeral Service Seminar **3 credit(s)**

Total Credits in the Program: 65

General Studies, A.S.

The Associate in Science in General Studies (ASGS) is a flexible, career-focused, degree-completion program designed to provide students with the skills for entry-level positions or further education.

This program develops essential skills in communication, critical thinking, multicultural interaction, and research. Students can choose electives from various fields including health science, business, and human services.

Due to its customizable curriculum, students should work closely with their academic advisor to ensure all curriculum requirements are met.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Express ideas through various modes of communication.
2. Apply information literacy skills to further professional and personal growth.
3. Apply critical thinking to solve professional and personal problems.
4. Analyze global, social, political, and economic trends through the lens of Diversity, Equity, Inclusivity, and Social Justice.
5. Describe how identity, values, and diversity shape human experience.

Graduation Requirements

Students must complete all general graduation requirements as stated in the catalog.

Curriculum

General Education Core Requirements - 22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 4**
- Social Science (PSY or SOC) **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 3**

Programmatic General Education Requirements - 24 Credits

- COM 101 - Public Speaking **3 credit(s)**
  OR
- COM 105 - Interpersonal Communications **3 credit(s)**
- HUM 1XX Humanities Electives **Credit(s): 6**
- HIS 1XX - History Elective **Credit(s): 3**
- General Education Elective (1XX) **Credit(s): 6**
- General Education Electives (2XX) **Credit(s): 6**

Open Electives - 15 Credits

- OPEN Elective (1XX) **Credit(s): 12**
- OPEN Elective (2XX) **Credit(s): 3**

Total Credits in the Program: 61

Health Science, A.S.

The Associate of Science in Health Science program introduces students to the fundamental concepts of health science and prepares the graduate for entry-level work in the healthcare field. Students work closely with an academic advisor to determine their individual professional goals and develop a plan of study to meet those goals.

Students interested in pursuing a career in Medical Billing and Coding can simultaneously pursue a certificate in this area, while earning an associate degree in Health Science. In addition, students who complete their certificate in Medical Assisting can also apply those credits toward the

associate degree in Health Science. Students should meet with their academic advisor for more information.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate effective written and verbal communication skills that represent competence and professionalism in the healthcare field.
2. Identify the ethical, legal, and regulatory framework of the healthcare industry.
3. Identify and describe the different roles of health professionals.
4. Demonstrate an understanding of critical thinking skills used in healthcare.
5. Appreciate and embrace diversity, differing belief and value systems, as well as appreciate individual opinions within the healthcare environment.
6. Develop self-directed learning skills needed for independent and lifelong learning.
7. Effectively use information technology to participate in learning activities.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Health Science major core requirements with a minimum cumulative GPA of 2.0.

Curriculum

General Education Core Requirements - 21-22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 3-4**
- Social Science (PSY or SOC) **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 3**

Health Science Major Core Requirements - Select Three (3) Courses - 9 Credits

- HSC 101 - Introduction to Healthcare **3 credit(s)**
- HSC 105 - Medical Terminology **3 credit(s)**
- HSC 111 - Medical Law and Ethics **3 credit(s)**
- HSC 120 - Health and Wellness **3 credit(s)**

- HSC 218 - Interprofessional Learning and Collaboration in Healthcare **3 credit(s)**
- SOC 320 - Health and Social Issues in Aging **3 credit(s)**

Health Science Electives - 12 Credits

- Health Science Electives **Credit(s): 12***

*Health Science Elective credits may be from courses contain the following prefixes: BIO, CHEM, CLN, DHP, FNS, LPN, HSC, MCD, MED, NUR, OTA, PBH, and RSP.

Open Electives - 18 Credits

- OPEN Elective **Credit(s): 18**

Total Credits in the Program: 60-61

Healthcare Support Technician

Program Description

The Healthcare Support Technician program provides students with the opportunity to perform multiple functions in more than one healthcare-related discipline, while working toward completion of an Associate of Science in Healthcare Support Technician degree. Students will develop a variety of professional and practical skills specific to the healthcare field, including active listening and adaptability, critical thinking and problem solving, and ethical conduct and compliance. This program will help prepare students for a career in a variety of healthcare fields such as Phlebotomy, Electrocardiogram Technician, Nurse's Aide, Patient Care Associate, Medical Office Management and more.

The Healthcare Support Technician program offers students a flexible curriculum designed to meet the changing needs of the healthcare field. To complete the associate degree requirements, students combine certificate program coursework (chosen from the listed certificates) with core technical coursework in areas such as science, medical terminology, and professional standards. Students may also opt to focus on completing a certificate(s) before entering the workforce. This program provides students with the opportunity to exit the program after successfully completing a certificate(s) or complete the program to earn the associate degree.

Program Learning Outcomes

Upon successful completion of all requirements, students will be able to:

1. Perform practical skills in healthcare across multiple disciplines to provide competent, safe, and patient-centered care.

2. Demonstrate discipline-specific tasks aligned with industry standards and requirements for certification or licensure in areas such as phlebotomy, electrocardiography, medical office management, and medical assisting.
3. Apply professionalism, ethical behavior, and effective communication within diverse healthcare environments.
4. Identify evolving healthcare practices by utilizing a flexible skill set that supports employment across a variety of entry-level healthcare roles.

Admissions Requirements

1. Complete the application for admission into Goodwin University.
2. If needed, complete certificate program specific applications and application requirements.

Accepted Students

Students will be required to provide documentation of a physical exam (within 2 years) and immunizations prior to starting the program. Student immunizations must remain current throughout the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- Influenza vaccination (within 1 year)
- MMR vaccination or titer
- Varicella vaccination or titer
- Tetanus vaccination (within 7 years)
- Two-step PPD (within 1 year)

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all major core and certificate course requirements with a minimum grade of "C" or higher.

Curriculum

General Education Core Requirements - 22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective Credit(s): 3
- MATH 1XX - Mathematics (MATH) Credit(s): 3
- Science (BIO, CHEM, SCI) Credit(s): 4
- PSY 112 - Introduction to Psychology **3 credit(s)**

- Humanities (HIS, PHIL, SPAN, HUM) Credit(s): 3
- General Education Elective Credit(s): 3

Healthcare Support Technician Major Core Requirements - 21 Credits

- HSC 101 - Introduction to Healthcare **3 credit(s)**
- HSC 105 - Medical Terminology **3 credit(s)**
- HSC 111 - Medical Law and Ethics **3 credit(s)**
- HSC 120 - Health and Wellness **3 credit(s)**
- PSY 205 - Organizational Behavior **3 credit(s)**
- OPEN Electives* Credit(s): 6
  *Courses can be selected from any courses at the University including course towards a certificate option below.

Certificate Core Requirements - 21 Credits

Students must complete at least 21 credits in any combination of certificates listed below. Some certificates include the same courses; students interested in those certificates would only take the duplicated course once. Some courses may have pre-requisites that are not listed; students should work with their advisor to ensure they complete the requirements of the certificate. Students focused solely on a certificate may need to complete some General Education courses to complete the certificate.

Addiction Counseling Certificate - 18 credits

Pre-requisite courses are required.

- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**
- HSR 235 - Introduction to Substance Use and Co-Occurring Disorders **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**
- HSR 298 - Human Services Internship II **3 credit(s)**
- HSR 493 - Human Services Capstone I **3 credit(s)**
- PSY 215 - Abnormal Psychology **3 credit(s)**

CNA Microcredential - 6 Credits

- PCA 101 - Nursing Assistant Skills **6 credit(s)**

ECG Microcredential - 6 Credits

- PCA 112 - Electrocardiogram Practices **3 credit(s)**
- PCA 125 - Advanced Electrocardiogram Practice **3 credit(s)**

Medical Assisting Certificate - 21 Credits

- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 151 - Medical Assisting: The Medical Office and Patient Care **3 credit(s)**
- MED 152 - Medical Assisting: Diagnostic Procedures **3 credit(s)**
- MED 153 - Medical Assisting: Laboratory Procedures **3 credit(s)**
- MED 212 - Pharmacology **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**
- MED 299 - Medical Assisting Internship **3 credit(s)**

Medical Billing & Coding Certificate - 18 Credits

For this certificate only, students must also complete BIO 1XX, HSC 105, CAP 115, HSC 111.

- MCD 213 - CPT®-4 Coding I **3 credit(s)**
- MCD 214 - CPT®-4 Coding II - (CPC) **3 credit(s)**
- MCD 216 - ICD-10-CM Coding **3 credit(s)**
- MCD 220 - Medical Coding Capstone **3 credit(s)**
- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**
- MED 299 - Medical Assisting Internship **3 credit(s)**

Medical Office Management Certificate - 18 Credits

For this certificate only, students must also complete HSC 105 & HSC 111.

- BUS 101 - Introduction to Management **3 credit(s)**
- BUS 115 - Human Resource Management **3 credit(s)**
- BUS 230 - Workforce Planning and Staffing **3 credit(s)**
- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 151 - Medical Assisting: The Medical Office and Patient Care **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**

PCA Certificate (includes CNA, Phlebotomy, & ECG) - 18 Credits

- PCA 101 - Nursing Assistant Skills **6 credit(s)**
- PCA 109 - Principles and Practices of Phlebotomy **3 credit(s)**
- PCA 112 - Electrocardiogram Practices **3 credit(s)**
- PCA 120 - Advanced Phlebotomy Techniques **3 credit(s)**
- PCA 125 - Advanced Electrocardiogram Practice **3 credit(s)**

Phlebotomy Microcredential - 6 Credits

- PCA 109 - Principles and Practices of Phlebotomy **3 credit(s)**
- PCA 120 - Advanced Phlebotomy Techniques **3 credit(s)**

Violence Intervention and Advocacy Certificate - 18 Credits

Pre-requisite courses are required

- HSR 105 - Community Organization and Advocacy **3 credit(s)**
- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**
- HSR 325 - Case Management: Principles and Practice **3 credit(s)**
- HSR 350 - Crisis Prevention and Intervention **3 credit(s)**
- HSR 410 - Human Trafficking **3 credit(s)**

Total Credits in Program: 64

Human Services, A.S.

The Associate in Science in Human Services program prepares students for entry-level positions in the human services field or to pursue a baccalaureate degree. It is also an excellent program for people who are working in the human services field without a degree who seek advancement opportunities in their chosen career that require an associate degree.

The program is designed to help students develop the core competencies required for professionals in many human services organizations, including conducting intakes, performing assessments, interviewing, counseling, and case management. These and other courses, including electives, provide a foundation for students to be successful in a wide array of human service professions.

The culminating courses for students in the Associate in Science in Human Services program are two 90-hour internships where they will apply their learning at a local human service organization. These are in-depth experiences that are based on specific learning objectives developed in collaboration with the student, faculty and the cooperating human service organization. Through our extensive connections to the regional human service community, we seek to assist students with selecting and applying for internships for their internship experience with organizations and agencies that most align with students' career goals.

Students completing an Associate in Science in Human Services may choose to continue their studies in a range of baccalaureate programs including Human Services, Social Work, Psychology, Rehabilitation, Counseling, Youth Development, Gerontology, Criminal Justice, Recreation Therapy, and Education, among many others.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Practice ethical standards consistent with the human services field.
2. Explain how the history of human services shapes current policies and practices and provides a lens for predicting future trends.

3. Apply professional helping skills congruent with evidence-based, person-centered, and strength-based approaches to service delivery.
4. Employ macro-practice skills necessary for successful community organization and advocacy.
5. Employ critical thinking skills required to be an effective human services professional.
6. Apply written and verbal communication skills necessary for effective functioning as a human services professional.

Graduation Requirements

Students must complete all general graduation requirements as stated in the catalog. Students must complete all Human Services core courses and PHIL 105 with a minimum grade of "C" in each course and a minimum cumulative GPA of 2.3.

Curriculum

General Education Core Requirements - 22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **3 credit(s)**
- MATH 1XX - Mathematics (MATH) **3 credit(s)**
- SCI 1XX - Science Elective **4 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- PHIL 105 - Ethics, Values, and Cultural Competence in Practice **3 credit(s)**
- General Education Elective **3 credit(s)**

Programmatic General Education Core Requirements - 9 Credits

- COM 105 - Interpersonal Communications **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- PSY 212 - Lifespan Development **3 credit(s)**

Human Services Major Core Requirements - 21 Credits

Freshman Year

- HSR 101 - Introduction to Human Services **3 credit(s)**
- HSR 105 - Community Organization and Advocacy **3 credit(s)**

Sophomore Year

- HSR 210 - Introduction to Research in Human Services **3 credit(s)**
- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**

- HSR 240 - Disability, Society, and the Individual **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**
- HSR 298 - Human Services Internship II **3 credit(s)**

Human Services Electives - 9 Credits

- Directed Electives **9 credit(s)**

*Directed Elective credits may be taken from PSY, SOC, HSR, PBH, HSC, and BUS courses.

Total Credits in the Program: 61

Manufacturing Engineering Technology, A.S.

The associate in science in Manufacturing Engineering Technology prepares students with a strong foundation in manufacturing processes and technologies. This program equips students with the knowledge and skills necessary to pursue a career in the dynamic field of manufacturing engineering. This program of study integrates an understanding of manufacturing processes, a knowledge of materials and electronics, a competence in technical drawings such as blueprints and schematics, with opportunities to concentrate in computer-aided design, mechatronics, or automation.

Graduates of the program will be prepared to enter the workforce as industrial service technicians, robotics and automation technicians, or computer-aided designers, in various industries such as aerospace, automation, electronics, and medical device manufacturers; or continue their education in a related bachelor's degree program.

Students may also earn milestone certificates in Mechatronics, Robotics, and Automation Technician or Computer Aided Design during their course of study.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate skills and knowledge for the practical application of material science and the manufacturing process that underpins modern manufacturing.
2. Demonstrate practical skills in mechatronics, robotics & automation, computer-aided design (CAD), and computer aided manufacturing (CAM).
3. Practice the principles of lean manufacturing to optimize processes and reduce waste.
4. Demonstrate effective communication and teamwork skills, preparing students to collaborate with colleagues and contribute to multidisciplinary engineering teams.
5. Practice sound safety protocols, and critical thinking to solve technical production issues and the ethical considerations within the manufacturing industry to ensure a commitment to responsible and sustainable practices.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

General Education Core Requirements - 22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH 135 or higher) **Credit(s): 3**
- Science (BIO, CHEM, SCI, PHY) **Credit(s): 4**
- Social Science (PSY or SOC) **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 3**

Manufacturing Engineering Technology Major Core Requirements - 27 Credits

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 181 - Introduction to Mechatronics **3 credit(s)**
- BMM 183 - Basic Electrical **3 credit(s)**
- BMM 187 - Mechanical Drives and Kinematics **3 credit(s)**
- BMM 189 - Electrical Schematics **3 credit(s)**
- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**
- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**

Concentrations - 12 Credits

Students will select one concentration to complete the program.

Mechatronics Concentration

- BMM 185 - Hydraulics and Pneumatics **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**
- BMM 285 - Industrial Electrical Maintenance **3 credit(s)**
- BMM 289 - Machining and Pipe Fabrication **3 credit(s)**

Robotics and Automation Concentration

- BMM 281 - Motor Control **3 credit(s)**

- BMM 283 - Programmable Controllers **3 credit(s)**
- BMM 287 - Industrial Robotics **3 credit(s)**
- BMM 291 - Robotics and Automation Programming **3 credit(s)**

Computer-Aided Design Concentration

- BMM 191 - Advanced SolidWorks **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**
- BMM 241 - CAM II **3 credit(s)**
- BMM 293 - CMM Programming **3 credit(s)**

Total Credits in the Program: 61

Medical Assisting, A.S.

The Medical Assistant is a respected, multi-skilled health professional who performs diverse duties in medical offices, clinics, and health centers. The varied skills offered by the program provide the opportunity to work either in the administrative or clinical environment.

The goal of the Medical Assisting program is to prepare competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. This program develops the student's knowledge base and skills by providing a theoretical foundation and by developing the student's ability to perform clinical as well as office and administrative procedures. Courses combine lectures, laboratory sessions, simulations, and assignments to provide students with the knowledge and skills needed to be effective members of the healthcare team. Hands-on practice, along with clinical and work experience is gained during a supervised internship component. Courses are offered on-ground, select courses are offered in a hybrid or online format.

Students are simultaneously enrolled in the Medical Assisting certificate and associate degree programs. Students will first complete the certificate requirements and receive a certificate in Medical Assisting; then graduates will continue in the associate degree program. Upon completion of the certificate program, students are eligible to apply immediately upon graduation for the Certified Medical Assistant (CMA) examination administered by the American Association of Medical Assistants (AAMA). Before graduation, students will be eligible to sit for the Medical Assistant Certification (CCMA) examination administered by the National Healthcareer Association (NHA).

Students interested in pursuing a Bachelor of Science in Health Science can apply the majority of their credits towards that degree. Students should contact the Health Science Program Director for more information.

Admission Requirements

1. Complete the application for admission into Goodwin University. Applicants to the Medical Assisting program must first meet the requirements for admission and be accepted into Goodwin University.
2. Complete the following prerequisite courses with a "C" or higher:
    1. HSC 105 - Medical Terminology
    2. BIO 101 - Concepts in Human Biology
3. Complete the Medical Assisting program application.
4. Interview with the Program Director and/or Practicum Coordinator before admission.

Accepted Students

Medical Assisting students will be required to provide documentation of a Physical Exam (within 2 years) and immunizations prior to starting the program. Student immunizations must remain current throughout the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- Influenza vaccination (within 1 year)
- MMR vaccination or titer
- Varicella vaccination or titer
- Tetanus vaccination (within 7 years)
- Two-step PPD (within 1 year)

Students will be asked to provide confirmation of the following prior to internship:

- Proof of current CPR certification by the American Heart Association for Healthcare Providers/BLS and First Aid
- Proof of professional liability insurance obtained before beginning an internship
- Receipt of confidentiality statement
- Proof of completion of the Health and Safety test from Connecticut Hospital Association (CHA)
- Successfully passing a background check and drug test. Forms are provided by program personnel.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Utilize medical terminology appropriately;
2. Describe the anatomy and physiology of the human body, as well as the related disease processes;
3. Describe legal and regulatory frameworks of healthcare as they relate to the Medical Assistant;
4. Demonstrate computer literacy skills;
5. Effectively engage in written and oral communication as demonstrated through charting and communication with patients and other health professionals;

6. Prepare patients for examination or procedures, and assist the physician with the examination or procedure;
7. Collect and prepare laboratory specimens, as well as perform basic laboratory testing;
8. Perform phlebotomy and other invasive specimen collection techniques; and
9. Perform electrocardiograms and respiratory testing.
10. Identify the knowledge gained through the general education courses and their contribution to career and life learning.

Medical Assisting Program Policies

Policies specific to the Medical Assisting program may be found in the Medical Assisting Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Medical Assisting courses with a minimum grade of "C" or higher.

Curriculum

General Education Core Requirements - 15 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX -English Elective **Credits: 3**
- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**

Non-Major Core Requirements - 6 Credits

- HSC 105 - Medical Terminology **3 credit(s)**
- BIO 101 - Concepts in Human Biology **3 credit(s)**

Medical Assisting Major Core Requirements - 30 Credits

- HSC 111 - Medical Law and Ethics **3 credit(s)**
- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 151 - Medical Assisting: The Medical Office and Patient Care **3 credit(s)**
- MED 152 - Medical Assisting: Diagnostic Procedures **3 credit(s)**
- MED 153 - Medical Assisting: Laboratory Procedures **3 credit(s)**
- MED 212 - Pharmacology **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**
- MED 299 - Medical Assisting Internship **3 credit(s)**

- PSY 112 - Introduction to Psychology **3 credit(s)**
- OPEN Elective Credit(s): 9

Total Credits in the Program: 60

Nursing, A.S.

The Associate of Science in Nursing (ADN) program consists of class work and clinical practice in a variety of healthcare facilities, which will provide nursing graduates with the skills to function effectively in today's healthcare industry. It includes the opportunity for personal growth through the inclusion of liberal arts and science courses. The general education courses are supportive to the nursing courses.

The ADN program is an organized program of study that combines general education courses from the biological, social and behavioral sciences and the humanities, with courses in the theory and practice of nursing. The program develops the student in the process of nursing, promotes critical thinking, fosters the development of moral and ethical professional behaviors, and promotes continued self-development and personal and professional growth.

The ADN program is designed as a progression of courses of increasing complexity that build upon one another. Therefore, the courses must be taken in the prescribed sequence. If a student fails a nursing course, (s)he may repeat it one time. However, only one course may be taken twice. If a student's clinical attendance and/or performance are deemed unsatisfactory by the faculty, (s)he is at risk of failing the course. A positive drug screen will preclude admission consideration unless justified through physician documentation as being "medically necessary".

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Practice within the ethical, legal and regulatory frameworks and scope of practice for registered nurses;
2. Utilize critical thinking and information technology, to plan and implement culturally appropriate client care which is safe and holistic;
3. Engage in therapeutic and professional communication skills with all members of the healthcare team including the client/patient/family to meet client/patient/family centered goals;
4. Utilize a process of self-evaluation that fosters personal and professional growth and contributes to lifelong learning;
5. Demonstrate the ability to use evidence-based practices and quality-improvement methods to facilitate the delivery of safe and appropriate client/patient care; and
6. Articulate their role and responsibility in the larger system of health care.

Admission Requirements

Only students admitted to the program may enroll in nursing courses. It is important to note that not all qualified candidates can be offered admission to the nursing program due to the limited number of seats available. Prospective nursing applicants are strongly advised to attend a Health Science Information Session conducted by the university. Please call the Admissions Office at 800.889.3282 for dates and times of upcoming sessions. Students may enter the university at any time to complete the prerequisites required for admission.

Consideration for admission is based upon completion of nursing prerequisites. All prerequisites must be completed before enrolling in NUR 100. Final selection is based on a Point System described at the end of this section. Students may apply to the nursing program for a total of six (6) attempts. Any submitted applications that do not meet the minimum required GPA and the required score on the TEAS examination will not be considered.

Program Admission

1. Complete the application for admission into Goodwin University. Applicants to the nursing program must first meet the prerequisites for admission and be accepted into Goodwin University.
2. Complete the Nursing Program Application.
    1. Official college transcripts are required with the application. Transcripts are used as proof of education level for the admission point system or for official transfer credit to transfer in the prerequisite courses required for admission. If the transcripts have already been provided to the Registrar, the nursing department will retrieve copies.
    2. Take the TEAS examination being used for pre-admission. This examination is administered off campus three times a year (January, May and September). The cost of the exam is the responsibility of the applicant. Students may only register for the exam when they are submitting an application. It is the student's responsibility to follow the deadlines and instructions posted on the application. All questions regarding exam registration dates and deadlines must be directed to the Nursing Department or the ATI exam administrator. They are also accessible in the Goodwin University ADN application. Students may only attempt the TEAS pre-entrance examination one time per semester for a total of four (4) attempts. Students must attain the pre-determined minimum score of 58.7% at the time the student applies to be considered for admission. Students must complete or have already completed BIO 212 - Anatomy & Physiology II in the semester (s)he registers for the TEAS pre-entrance exam.
    3. Earn a minimum GPA of 2.7 in the most recent university course work. University GPA is based on a minimum of 12 completed credits at Goodwin University. GPAs are not rounded.

4. Complete the required General Education courses listed in the program curriculum adhering to all graduation grade requirements.
5. Complete the Goodwin University math general education graduation requirement with MATH 125 or equivalent with a minimum grade of "C" or higher.
6. Complete CHEM 101 - Chemistry or equivalent with a minimum grade of "C" or higher to fulfill the requirements to enroll in BIO 211 - Anatomy & Physiology I.
7. Complete the following prerequisite courses with a minimum grade of "C+" or higher, prior to applying to the nursing program:
    1. BIO 211 - Anatomy & Physiology I or equivalent, completed within the last five years.
    2. BIO 212 - Anatomy & Physiology II or equivalent, completed within the last five years.
    3. BIO 235 - Microbiology or equivalent, completed within the last ten years.

Any prerequisite courses transferred from another college must be equivalent to Goodwin University courses and must meet the grade requirement of "C" except BIO 211, BIO 212, BIO 235 or equivalent which must meet a grade requirement of "C+".

Applicants will be notified of acceptance in advance of the registration period for the following semester.

Point System

Nursing applicants who have satisfied all of the admission criteria will be selected according to the point system as specified below:

Previous College Education	**Score**
Associate Degree or >60 Credits	2
Bachelor's Degree	3
Master's Degree	4
Completion of courses taken at Goodwin University	
1 course	1
2 courses	2
3 courses	3
4 courses	4

5 courses	5
6 courses	6
7 courses	7
Cumulative GPA (applicable for Goodwin University courses only, based on a minimum of 12 credits)	
2.7 - 3.0	1
3.1 - 3.4	2
3.5 - 3.8	3
3.9 - 4.0	4
Composite Score on Pre-Admission Test	
58.7% - 62.9%	1
63.0% - 67.1%	2
67.2% - 71.3%	3
71.4% - 75.5%	4
75.6% - 79.7%	5
79.8% - 83.9%	6
84.0% - 88.1%	7
88.2% - 92.3%	8
92.4% - 96.5%	9
96.6% - 100%	10
Total Possible Points	**25**

Accepted Students

Once accepted, students are required to:

- Submit a $500 non-refundable tuition deposit to hold their place in the program.

- Submit a medical evaluation and proof of all required vaccinations. Please see the ADN Student Handbook on the Goodwin University website for specific requirements.
- Maintain professional organization memberships and certifications. Please see the ADN Student Handbook on the Goodwin University website for specific requirements.
- Submit to a background check and drug screening.
    - Program fees cover the cost of both initial tests. However, if the drug screen result is "negative dilute", the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by a physician, will prevent the student from entering the program. Students will be notified if the background check reveals any criminal record that might interfere with future licensure. In the event that a background check is positive, the department will make two additional attempts to place the student in an alternative facility. If neither of the two further attempts yield a placement for the student, (s)he will not be permitted to enter with the program. Students are advised to take this into consideration upon initial receipt of the results of their background check.
    - Fees associated with the background check increase with residency in more than one state and any additional surnames and those additional fees are covered by the student. Further, some pediatric clinical sites require a second background check and this additional cost is covered by those students required to comply. These fees are paid directly to the vendor by the student. Not performing this second background check will impact the student's ability to attend specific pediatric clinicals.

The Connecticut Articulation Model

The Connecticut Articulation Model, developed by the Connecticut League for Nursing (CLN), provides the mechanism for licensed practical nurses (LPNs) and registered nurses (RNs) to continue their education.

LPNs who currently hold an unencumbered CT license and are accepted into the Goodwin University Associate Degree in Nursing Program may take a three-credit "Bridge" course developed by the CLN and administered through Charter Oak College via distance learning. This is followed by a one-credit course at Goodwin University to validate clinical and other nursing skills. The LPN who successfully completes both these courses is awarded 12 credits and will begin the nursing courses with NUR 200. LPN applications are accepted for the Spring and Summer semesters. LPNs adhere to the same admission point system as other applicants. No more than eight (8) candidates will be accepted for admission to the January and May semesters.

The LPN student's license must remain unencumbered for the duration of the time (s)he is in the program. It is the student's responsibility to immediately report any change in the status of his/her LPN license to the program director. If a student's license becomes suspended or terminated, (s)he must take a leave of absence from the program until the license is reinstated or as determined by the program director.

For more information on the Connecticut Articulation Program and how it is implemented at Goodwin University, please contact the Nursing Department.

Nursing Department Policies

Policies specific to the Associate Degree in Nursing program may be found in the Associate Degree in Nursing Student Handbook.

Graduation Requirements

The following requirements must be met in order to graduate from the nursing program:

1. Completion of the course requirements. Prerequisite courses must be completed with a "C" or higher except for specific science courses which require a "C+" or higher.
2. Completion of ADN coursework with an academic average of at least 2.3 (C+) within the maximum time frame (no greater than six (6) semesters);
3. Fulfillment of all financial obligations to the University.

Graduation from the program does not guarantee passing the NCLEX-RN® licensing exam. If a student in the program has a felony record, the Department of Public Health will determine their eligibility to take the NCLEX-RN® when the student applies to take the exam. The university has no responsibility for making this decision. Students may access the State Board of Nursing website for additional information.

Time Required to Complete the Associate Degree Program

As a full-time student (12-15 credits/semester) or a part-time student (6-8 credits/semester), five semesters are required to complete the prerequisite science courses. The University permits students to take one (1) science course per semester unless approved by the Program Director or designee. The full-time students will take additional required general education courses with their last two (2) science courses that are applicable to the BSN program to maintain their full-time status. Part-time students must pair a general education course with each science course to be eligible for Financial Aid.

The nursing courses are only offered on a part-time basis, one (1) per semester for each of the five (5) courses. *As a result, whether the student is full-time or part-time it will require ten (10) semesters to attain the Associate Degree in Nursing which equates to three (3) years and four (4) months.

*The first four semesters (NUR 100, 110, 200 and 210) are part-time (6-8 credits), and the last semester NUR 220 is three quarter time (9-11 credits). An exception is that students could be full

time in the associates degree program when general education requirements are taken with a nursing course.

Curriculum

General Education Core Requirements - 18 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX -English Elective **Credits: 3**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- PSY 212 - Lifespan Development **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **Credits: 3**

Science Core Requirements - 12 Credits

- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**

Nursing Major Core Requirements - 35 Credits

- NUR 100 - Nursing Skill Development **6 credit(s)**
- NUR 110 - Adults and the Wellness Continuum I **6 credit(s)**
- NUR 200 - Adults and the Wellness Continuum II **7 credit(s)**
- NUR 210 - Families and the Wellness Continuum **7 credit(s)**
- NUR 220 - Integration of Nursing Practice: Adults with Complex Health Problems **9 credit(s)**

Total Credits in the Program: 65

Quality Management Systems, A.S.

The Associate in Science in Quality Management Systems program prepares students for entry-level positions in the quality management field or to pursue a baccalaureate degree. It is also an excellent program for people who are working in the field without a degree who seek advancement opportunities in their chosen career that require an associate degree.

The Associate in Science in Quality Management Systems covers the basics of quality management, manufacturing principles, quality inspection techniques, materials & processing, interpreting engineering drawings, problem solving, measurement and test equipment, calibration, lean manufacturing, statistical process control, teamwork and supplier quality control.

Students completing an Associate in Science in Quality Management Systems will earn 61-62 credits and have the opportunity to receive nationally-recognized credentials from the

Manufacturing Skill Standards Council (MSSC) as a Certified Production Technician (CPT). Students may choose to continue their studies in a range of baccalaureate programs including Manufacturing and Business Administration programs.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Earn nationally-recognized, portable credentials from the Manufacturing Skills Standards Council (MSSC);
2. Contribute to manufacturing system technology and quality management with an understanding of lean tools;
3. Apply lean tools to manage inventory, production process and quality to meet financial and supplier requirements;
4. Establish quality assurance processes and train staff to meet quality audits;
5. Develop and characterize careers and trends in manufacturing using cost of quality, impact of quality, and safety on the production process;
6. Develop grades and standards of quality, acceptance sampling and inspection procedures and prepare and institute quality assurance mechanisms;
7. Apply financial metrics to the manufacturing decision-making process;
8. Apply stakeholder relevant competencies in support of customer desires and needs;
9. Analyze and manage key elements of a high performance manufacturing organization related to logistics, quality, and manufacturing;
10. Integrate regulatory and government regulations into the quality management systems environment;
11. Demonstrate competency in the research, product development and test process, including the handoff between processes as it applies to manufacturing; and
12. Assess and evaluate strategies for production and quality systems for an organization.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

Curriculum

General Education Core Requirements - 21-22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH 135 or higher) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 3-4**
- Social Science (PSY or SOC) **Credit(s): 3**

- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 3**

Non-Major Core Requirements - 12 Credits

- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**
- ACC 110 - Applied Accounting **3 credit(s)**
- OS 210 - Organizational Communications **3 credit(s)**
- STAT 167 - Principles of Statistics **3 credit(s)**

Quality Management Systems Major Core Requirements - 28 Credits

Freshman Year

- BMM 101 - Key Principles of Manufacturing **3 credit(s)**
- BMM 110 - Technology in Advanced Manufacturing **3 credit(s)**
- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**

Sophomore Year

- BMM 222 - Technical Drawings and Specifications **3 credit(s)**
- BMM 224 - Metrology and Calibration **3 credit(s)**
- BMM 226 - Principles of Quality Management **3 credit(s)**
- BMM 228 - Quality Management and Supplier Integration **3 credit(s)**
- BMM 229 - Advanced Metrology and Calibration **4 credit(s)**

Total Credits in the Program: 61-62

Radiography, A.S.

The Associate of Science in Radiography program equips students with the knowledge, technical skills, and professional behaviors required for a successful career as a radiographer/radiologic technologist. Graduates are prepared to operate x-ray and fluoroscopic equipment, ensure image quality through quality control processes, apply radiation safety principles to protect themselves, patients, and others, assess patient condition prior to each procedure, and perform a wide range of diagnostic imaging procedures.

Graduates are eligible to sit for the American Registry of Radiologic Technologists (ARRT) certification exam in radiography, a key step toward licensure and employment. Career opportunities include positions in hospitals, outpatient centers, physician offices, and community health agencies.

Students who complete the associate degree may choose to continue their education and pursue a Bachelor of Health Science or other advanced studies in health care.

Program Learning Outcomes

Upon successful completion of all requirements, students will be able to:

1. Perform radiologic examinations efficiently and competently including patient positioning, equipment, and quality of digital imaging.
2. Determine appropriate exposure factors to produce radiographic images for use during routine radiologic examinations.
3. Apply appropriate radiation safety practices for self, patients and others.
4. Demonstrate critical thinking and problem solving to complete radiographic procedures.
5. Demonstrate effective communication skills with patients and members of the health care team, while showing respect for individual values and beliefs.
6. Utilize mathematical concepts and problem-solving skills to calculate exposure parameters, access image quality, and address challenges during radiographic procedures.

Admission Requirements

The following are the admission requirements for students applying to the Radiography program. Meeting minimum requirements does not guarantee admission into the program due to the limited number of spaces available. Admission is based upon completion of the radiography program prerequisites and other requirements. If courses are in progress, acceptance will be conditional upon submission of an official transcript immediately upon completion. All requirements must be completed before enrolling in RAD 110.

1. Complete the application for admission into Goodwin University. Applicants to the Radiography program must first meet the requirements for admission and be accepted into Goodwin University.
2. Complete the Radiography program application.
3. Submit a signed attestation verifying that the applicant possesses the ability to perform the tasks as outlined in the *Essential Functions of a Radiologic Technologist/Radiographer*.
4. Earn a minimum GPA of 2.7 in the most recent course work. College GPA is based on a minimum of 12 completed credits.
5. Complete (or be in the process of completing) all the general education courses, except the humanities elective, and all non-major core courses at the time of application to the Radiological Technician program.
6. Complete or transfer the following prerequisite courses within the last 5 years with a grade of "C" or better:
    1. CHEM 101 Chemistry
    2. Math 1XX College Algebra

7. Complete the following prerequisite courses within the last 5 years with a grade of "C+" or better:
    1. BIO 211 Anatomy & Physiology I

Note: BIO 120 - Human Biology with a laboratory component or equivalent is a prerequisite for BIO 211.

b. BIO 212

Point System

Radiography program applicants who have satisfied all the admission criteria will be selected according to the point system as specified below:

Previous University Education	**Score**
Associate degree or >60 credits	3
Bachelor's degree	4
Master's degree	5
Completion of Courses Taken at Goodwin University	
1 course	1
2 courses	2
3 courses	3
4 courses	4
5 courses	5
6 courses	6
7 courses	7
Cumulative GPA (applicable for Goodwin University courses only, based on a minimum of 12 credits)	
2.7 - 3.0	2

3.1 - 3.4	3
3.5 - 3.8	4
3.9 - 4.0	5
Total Possible Points	**17**

* Cumulative GPA of 2.7 or higher from coursework completed the closest date of application to the Radiography program either from another accepted institution or Goodwin University. College GPA is based on a minimum of 12 completed credits.

Accepted Students

Radiological Technician students will be required to purchase the computer application used to document the results of all required health compliance items including:

- Physical examination
- Immunizations
    - Hepatitis vaccine or titer
    - Influenza vaccine (within 1 year, annually while enrolled in program)
    - MMR vaccination or titer
    - Varicella vaccination or titer
    - Tetanus vaccination (within 7 years)
    - Two-step PPD vaccination (within 1 year and annual while enrolled in program)
    - Current covid vaccine is recommended but not required
- Background check
- Drug testing
- CPR certification through the American Heart Association

Students will be responsible for maintaining up to date health documentation throughout their enrollment in the program. Failure to maintain current documentation will result in dismissal from the program.

Students must earn a minimum grade of C+ (77-79%) or higher to remain in the program.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must completed all Radiography core courses with a minimum grade of "C+".

Curriculum

General Education Core - 22 Credits

- ENG 101 - English Composition **3 credit(s)**
  ENG 1XX - English Elective Credit(s): 3 **Credits / Units:** 3
- MATH 147 - College Algebra **3.0 credit(s)**
- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- COM 105 - Interpersonal Communications **3 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**
  Humanities - Humanities Elective Credit(s): 3 **Credits / Units:** 3

Non-Major Core Requirements - 11 credits

- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- CHEM 101 - Chemistry **4 credit(s)**
- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**

Radiography Major Courses - 47 credits

- RAD 110 - Patient Care & Ethics **3 credit(s)**
- RAD 115 - Imaging/Exposure I **3 credit(s)**
- RAD 120 - Radiographic Procedures I with Lab **4 credit(s)**
- RAD 130 - Radiographic Procedures II with Lab **4 credit(s)**
- RAD 150 - Physics of Image Production **3 credit(s)**
- RAD 180 - Radiographic Clinical I **1 credit(s)**
- RAD 185 - Radiographic Clinical II **1 credit(s)**
- RAD 190 - Radiographic Clinical III **2 credit(s)**
- RAD 210 - Imaging/Exposure II **3 credit(s)**
- RAD 220 - Radiographic Pathology **3 credit(s)**
- RAD 240 - Radiographic Procedures III With Lab **4 credit(s)**
- RAD 250 - Imaging/Exposure III **3 credit(s)**
- RAD 260 - Radiobiology and Radiation Protection **3 credit(s)**
- RAD 280 - Radiography Clinical IV **3 credit(s)**
- RAD 285 - Radiography Clinical V **3 credit(s)**
- RAD 290 - Radiography Seminar/ Capstone **4 credit(s)**

Total Credits in the Program: 80

Respiratory Care, A.S.

The objective of the Associate of Science in Respiratory Care program is to prepare graduates who are qualified and eligible to take the entry-level examination and the advanced practitioner level examination for Respiratory Care Practitioners given by the National Board of Respiratory Care and to assume entry-level positions as competent respiratory care practitioners. Upon completion of the program and licensure, graduates will have the necessary skills and knowledge to secure employment as registry-eligible respiratory care practitioners.

Students interested in pursuing a Bachelor's in Health Science can apply the majority of their credits towards this degree. Students should contact the Health Science Program Director for more information.

Admission Requirements

The following are the admission requirements for students applying to the Respiratory Care program. Meeting minimum requirements does not guarantee admission into the program due to the limited number of seats available. Admission is based upon completion of the respiratory care prerequisites and other requirements. If courses are in progress, acceptance will be conditional upon submission of an official transcript immediately upon completion. All requirements must be completed before enrolling in RSP 112 - Principles of Respiratory Care.

1. Complete the application for admission into Goodwin University. Applicants to the Respiratory Care Program must first meet the requirements for admission and be accepted into Goodwin University.
2. Complete the Respiratory Care Program Application.
3. A signed attestation that applicant possesses the ability to perform the tasks as stated in the Essential Functions of a Respiratory Therapist.
4. Earn a minimum GPA of 2.7 in the most recent course work. College GPA is based on a minimum of 12 completed credits.
5. Complete all prerequisite courses.
6. Complete the following prerequisite courses or equivalent with a grade of "C" or higher:
    1. CHEM 1XX - Chemistry Elective with a laboratory component
    2. MATH 1XX - Mathematics Elective
7. Complete the following prerequisite courses or equivalent with a grade of "C+" or higher:
    1. BIO 211 - Anatomy & Physiology I completed within the last five years.
        1. Note: BIO 120 - Human Biology with a laboratory component or equivalent is a prerequisite for BIO 211.
    2. BIO 212 - Anatomy & Physiology II completed within the last five years.
        1. Note: Applicants meeting all other requirements can be admitted conditionally without completing BIO 212. However, this course must be successfully completed prior to starting the respiratory care program.
    3. BIO 235 - Microbiology completed within the last ten years.
8. Interview with the Program Director.
9. Personal essay.

Point System

Respiratory Care applicants who have satisfied all of the admission criteria will be selected according to the point system as specified below:

Previous University Education	**Score**
Associate Degree (60 Credits)	1
Bachelor's Degree	3
Master's Degree	5
Cumulative GPA	
2.7 - 3.0	1
3.1 - 3.4	2
3.5 - 3.8	3
3.9 - 4.0	4
Personal Essay	up to 5 points
Interview	up to 5 points
Total Possible Points	**19**

Accepted Students

Respiratory Care students are required to provide documentation of a Physical Exam (within 2 years) and immunizations prior to starting the program. Student immunizations must remain current throughout the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- Influenza vaccination (within 1 year)
- MMR vaccination or titer
- Varicella vaccination or titer
- Tetanus vaccination (within 7 years)
- Two-step PPD vaccination (within 1 year)

All students must provide proof of CPR certification by the American Heart Association prior to starting the program.

All students must successfully pass a background check and drug test before official acceptance into the Respiratory Care Program will be granted. Forms are provided by program personnel.

Program Goals

To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by Registered Respiratory Therapists (RRT).

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate proficiency as a respiratory care practitioner, as described by the National Board of Respiratory Care and the Commission on Accreditation for Respiratory Care;
2. Assist physicians in diagnosis, management, and treatment of patients affected by cardiopulmonary disorders;
3. Demonstrate the ability to apply and evaluate information relevant to his/her role as a respiratory care practitioner;
4. Demonstrate technical proficiency in all skills necessary to fulfill the role as a respiratory care practitioner;
5. Demonstrate professional behaviors consistent with employer expectations for a respiratory care practitioner; and
6. Demonstrate basic competencies in alternate care site (i.e., homecare, rehabilitation centers, and long-term mechanical ventilator centers).

Respiratory Care Program Policies

Policies specific to the Respiratory Care program may be found in the Respiratory Care Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Respiratory Care Core courses with a minimum grade of "C".

Curriculum

General Education Core Requirements - 19 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX -English Elective **3 credit(s)**
- MATH 1XX - Mathematics Elective **Credit(s): 3**
- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) Elective **Credit(s): 3**

Non-Major Core Requirements - 12 Credits

- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**
- CHEM 101 - Chemistry **4 credit(s)**

Respiratory Major Core Requirements - 40 Credits

- PHY 110 - Medical Physics **3 credit(s)**
- RSP 110 - Cardiopulmonary Anatomy & Physiology **3 credit(s)**
- RSP 112 - Principles of Respiratory Care **4 credit(s)**
- RSP 120 - Applied Pharmacology **3 credit(s)**
- RSP 124 - Respiratory Diagnostics and Therapeutics **3 credit(s)**
- RSP 133 - Principles of Mechanical Ventilation **4 credit(s)**
- RSP 153 - Clinical I **1 credit(s)**
- RSP 154 - Clinical II **2 credit(s)**
- RSP 223 - Fundamentals of Critical Care **3 credit(s)**
- RSP 231 - Cardiopulmonary Pathophysiology I **3 credit(s)**
- RSP 234 - Respiratory Capstone **3 credit(s)**
- RSP 253 - Clinical III **2 credit(s)**
- RSP 254 - Clinical IV **3 credit(s)**
- RSP 262 - Neonatal and Pediatric Respiratory Care **3 credit(s)**

Total Credits in the Program: 71

Certificate

Addiction Counseling Certificate

The 18-credit undergraduate academic certificate pathway program is for people interested in working with individuals and families affected by substance use disorders. The curriculum covers all the necessary educational requirements to be able to apply to take the exam to become a Certified Addiction Counselor. The Connecticut Certification Board (CCB) administers the alcohol and drug counseling (ADC) exam and grants the certification. The CCB also requires the completion of between 3,000 and 6,000 substance use disorder work experience hours in order to obtain certification; the number of hours required is dependent on the individual's degree level.

The academic certificate coursework also includes the required 300 hours of supervised fieldwork through which students build competencies for promoting and guiding recovery from substance use disorders. The fieldwork supervisor must be an active AADC, CAC, CCS, CCDP, SCCS, or LADC. The fieldwork must be specific to substance use disorders. No less than 10 hours of fieldwork must be completed in each performance domain as specified in the Requirements for the Certified Additional Counselor credential.

This academic certificate program can be completed as a stand-alone certificate, without matriculating into a degree program.

By taking the electives specified in the plan of study, the certificate can be completed as part of the human service's bachelor's degree.

Program Learning Outcomes

Upon successful completion of all certificate requirements, students will be able to:

1. Explain the physiological, psychological, and social factors that contribute to substance use disorders.
2. Apply evidence-based techniques to promote and guide recovery from substance use disorders.
3. Implement person-centered, strengths-based treatment plans inclusive of documenting, monitoring, and adapting based on an individual's goals, needs, and preferences.
4. Apply ethical standards consistent with the Connecticut Certification Board Code of Ethical Conduct.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must complete all programmatic courses with a minimum grade of "C" or higher.

Curriculum

First Semester

- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**

Second Semester

- HSR 235 - Introduction to Substance Use and Co-Occurring Disorders **3 credit(s)**
  OR
- PSY 235 - Introduction to Substance Use and Co-Occurring Disorders **3 credit(s)**

- HSR 298 - Human Services Internship II **3 credit(s)**

Third Semester

- PSY 215 - Abnormal Psychology **3 credit(s)**
- HSR 493 - Human Services Capstone I **3 credit(s)**

Total Credits in the Program: 18

Basic CNC Production Certificate

Enrollment into this certificate is by Departmental Permission only. It is not an open enrollment certificate but reserved for special projects.

In this 18-credit certificate in Basic Computer Numeric Control (CNC) Production, students will learn the basic skills manufacturing employers are seeking: problem solving, safety, quality, production processes, maintenance awareness, and teamwork.

Students will develop technical drawing, specification, and mathematical skills while learning about material properties and material processing.

Classroom instruction is combined with hands-on operation of our new CNC 3-axis milling and turning machines. You will gain knowledge and machining experience required to be successful in the field.

Program Learning Outcomes

1. Apply basic manufacturing shop math principles and formulas to machining problems.
2. Apply safety techniques to ensure a safe working environment while following industrial safety standards in the CNC lab
3. Interpret technical drawings and identify symbols on a blue print.
4. Demonstrate basic skills on a CNC machine to include set-up and squaring a block of metal.
5. Demonstrate the competencies of a certified production technician (MSSC- CPT).
6. Create simple 2D objects with numerical dimensions and geometries.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Curriculum

First Semester

- BMM 101 - Key Principles of Manufacturing **3 credit(s)**
- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 175 - CNC Machining **3 credit(s)**

Second Semester

- BMM 110 - Technology in Advanced Manufacturing **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**

Total Credits in the Program: 18

Bookkeeping Certificate

In this 19 credit certificate program, students will be introduced to the fundamentals of accounting and bookkeeping, including working with ledgers, journals, financial statements, inventory accounting, and other vital skills. Students in this certificate program will choose one general business-related elective to deepen their understanding of other aspects of business that they may encounter as bookkeepers. Students will also be exposed to the software used in the industry. Students will be prepared to sit for certification exams in QuickBooks at the completion of the certificate. This certificate can be completed on ground or online.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply generally accepted accounting principles (GAAP) to maintain accurate financial records.
2. Analyze and record financial transactions in both manual and computerized general ledger systems.
3. Prepare accurate financial statements, schedules, and reports, and conducting analyses to determine financial impacts on an organization.
4. Utilize accounting software, such as QuickBooks, to perform bookkeeping tasks and generate financial reports.
5. Compile and maintain complex payroll data, understanding tax obligations, and ensuring compliance with federal, state, and company policies.
6. Recognize ethical issues in the accounting profession and explain the importance of responsible financial practices.

Graduation Requirements

Students must complete all of the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Curriculum

First Semester

- ACC 101 - Principles of Accounting I **3 credit(s)**
- BUS 1XX - Directed Elective **3 credit(s)**
- ACC 235 - Accounting Information Systems **3 credit(s)**

Second Semester

- ACC 210 - Principles of Accounting II **3 credit(s)**
- ACC 220 - Managerial Accounting **3 credit(s)**
- ACC 299 - Accounting Capstone **4 credit(s)**

Total Credits in the Program: 19

Business Startup Certificate

In this 18 credit certificate, students will receive the fundamentals of taking a business from idea to launch. Students will explore basic accounting and bookkeeping skills needed to run their own business as well as to oversee professionals they may use to help maintain financial records. Students will explore management and their management style. They will learn about incorporation types, contract review and partnership agreements in a business law class. They will learn to review a lease and assess a property. They will be provided guidance on marketing and they will complete a business plan. Students electing into this certificate, need to have completed ENG 101 or equivalent.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Implement basic accounting practices to manage financial records effectively.
2. Utilize effective marketing strategies to promote products or services.
3. Differentiate the various tax responsibilities associated with starting a business.
4. Evaluate funding options to finance a business.
5. Develop techniques to effectively motivate and manage employees.

Graduation Requirements

Students must complete all general graduation requirements as stated in the catalog.

Curriculum

First Semester

- BUS 101 - Introduction to Management **3 credit(s)**

- BUS 121 - Personal Finance and Insurance **3 credit(s)**
- BUS 215 - Marketing **3 credit(s)**

Second Semester

- ACC 1XX - Accounting Elective **3 credit(s)**
- BUS 110 - Business Law and Ethics **3 credit(s)**
- BUS 150 - Small Business and Entrepreneurship **3 credit(s)**

Total Credits in the Program: 18

CNC Machining, Metrology, and Manufacturing Technology Certificate

This 37-credit certificate program is designed to introduce and prepare students to enter the manufacturing workforce as skilled CNC operators while understanding the holistic process of design, machining, and quality systems. Students in this program develop the technical skills and materials knowledge to be an effective member of a manufacturing team. The full-time program is completed in 22 1/2 weeks. The three-quarter time program is run in the evening over four semesters. Participants are introduced to the concepts of production and its relationships to the local and global economy; lean manufacturing principles and essential information on material properties and behaviors. Additionally, students develop competencies in mathematics, hands-on CNC machining, geometric dimensioning and tolerancing and metrology courses. Further competencies are gained through design of multi-dimensional parts with computer-aided manufacturing CAM software. The 37 credits earned for this certificate may also be used toward the fulfillment of the requirements of the AS degree in CNC Machining or the AS degree in Quality Management Systems, and the BS Degree in Manufacturing Management. Lab sessions are coordinated with the classroom instruction to emphasize experimentation and application.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply basic manufacturing shop math principles and formulas to machining problems.
2. Apply teamwork practices and safety techniques to ensure a safe working environment while following industrial safety standards in the CNC lab.
3. Interpret technical drawings and identify symbols on a blue print.
4. Demonstrate basic and advanced skills on a CNC machine.
5. Create simple 2D objects with numerical dimensions and geometries in Mastercam.
6. Write basic program code for a coordinate measurement machine (CMM) and operate a CMM.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

Full-Time Day Program Curriculum

First MOD

- BMM 100 - Introduction to Manufacturing **3 credit(s)**
- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 175 - CNC Machining **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**
- BMM 224 - Metrology and Calibration **3 credit(s)**

Second MOD

- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**
- BMM 275 - CNC Machining II **3 credit(s)**

Third MOD

- BMM 229 - Advanced Metrology and Calibration **4 credit(s)**
- BMM 241 - CAM II **3 credit(s)**
- BMM 276 - CNC Machining Applications **3 credit(s)**

Three Quarter Evening Program Curriculum

First Semester

- BMM 100 - Introduction to Manufacturing **3 credit(s)**
- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**

Second Semester

- BMM 175 - CNC Machining **3 credit(s)**
- BMM 224 - Metrology and Calibration **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**

Third Semester

- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- BMM 241 - CAM II **3 credit(s)**
- BMM 275 - CNC Machining II **3 credit(s)**

Fourth Semester

- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**
- BMM 229 - Advanced Metrology and Calibration **4 credit(s)**
- BMM 276 - CNC Machining Applications **3 credit(s)**

Total Credits in the Program: 37

Computer-Aided Design Technician Certificate

In this three semester, 18-credit Computer-Aided Design Technician certificate program, students will use SolidWorks in conjunction with blueprints to create 3D models of parts, and will use Mastercam and blueprints for creating models and G-code for use on CNC machines. Areas of focus of the program include reading and understanding blueprints, creating 3D models in SolidWorks and Mastercam, and creating measurement routines with PC-DMIS.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Create simple CAD drawings using Solidworks or other design software.
2. Construct detailed blueprints and 3D models.
3. Develop skills in creating CAM programming for the creation of G code
4. Interpret and construct technical documents for mechanical and electrical processes.
5. Write basic program code for a coordinate measurement machine (CMM) and operate a CMM.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog, Students must maintain a GPA of 2.3 or higher in the coursework.

First Semester

- BMM 240 - CAM I **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**

Second Semester

- BMM 241 - CAM II **3 credit(s)**
- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**

Third Semester

- BMM 191 - Advanced SolidWorks **3 credit(s)**
- BMM 293 - CMM Programming **3 credit(s)**

Total Credits in the Certificate: 18

Industrial Service Technician Certificate

In this three semester, part-time, 18-credit Industrial Service Technician certificate program, students will learn how to install, troubleshoot, repair, and maintain complex mechanical and electrical industrial equipment. Students will learn how to ensure a safe, fast-paced manufacturing work environment and will be able to troubleshoot and identify any issues with machines and equipment as well as conduct and properly log repairs on the job. Areas of focus include basic electrical, hydraulic, and pneumatic functions and how they integrate with mechanical drives and the properties of motion in an object. Participants are introduced to computer aided design (CAD) through SolidWorks.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply basic manufacturing shop math principles and formulas to shop problems.
2. Implement preventive and predictive maintenance processes and operations.
3. Use common hand tools and electronic test equipment for basic troubleshooting and maintenance of mechanical equipment.
4. Apply safety techniques to ensure a safe working environment while following industrial safety standards.
5. Create detailed 3D drawings in CAD for blueprints and schematics.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 or higher in the coursework.

First Semester

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**

Second Semester

- BMM 181 - Introduction to Mechatronics **3 credit(s)**
- BMM 183 - Basic Electrical **3 credit(s)**

Third Semester

- BMM 185 - Hydraulics and Pneumatics **3 credit(s)**
- BMM 187 - Mechanical Drives and Kinematics **3 credit(s)**

Total Credits in the Certificate: 18

Manufacturing and Logistics Certificate

Enrollment into this certificate is by Departmental Permission only.

In this 18-credit Manufacturing and Logistics certificate, students will explore the exciting fields of modern manufacturing, warehousing and distribution, and be introduced to the concepts of logistics and supply chain and their relationship to local and global economies.

Students will learn the basic principles and practices of a safe and productive manufacturing environment, as well as the principles of planning, production, and product distribution. Elements to be covered include understanding the product life cycle from conception through distribution. Other topics include inventory control, protective packaging, and customer service. Students will learn various aspects of warehouse operations management, including bar coding, radio frequency identification (RFID), Kanban, Just-In-Time (JIT) manufacturing, inventory replenishments, and use of third-party logistics.

Students will learn the effective process planning that goes into product distribution and transportation, as well as management techniques including analysis of warehouse locations, operations, and management. Classroom instruction combines hands-on use and operation of logistics equipment - knowledge that is essential to success in the logistics field.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate the competencies of a certified logistics technician (MSSC- Logistics)
2. Explain the process for managing materials in the manufacturing process.
3. Explain the flow of material using lean principles, operational flow strategies, value stream mapping, inventory control, and materials requirements planning (MRP).

4. Describe the operations of supply chain and warehouse distribution networks
5. Explain transportation strategies to manage domestic and international distribution.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Curriculum

First Semester

- BMM 100 - Introduction to Manufacturing **3 credit(s)**
- BMM 126 - Introduction to Material and Logistics Management **3 credit(s)**

Second Semester

- BMM 125 - Manufacturing Logistics **3 credit(s)**
- BMM 221 - Warehouse and Distribution Center Management **3 credit(s)**

Third Semester

- BMM 225 - Transportation Traffic and Contract Management **3 credit(s)**
- BMM 227 - Lean Supply Chain and Logistics Management **3 credit(s)**

Total Credits in the Program: 18

Mechatronics Certificate

In our two semester, fulltime, 36-credit Mechatronics certificate program, students will combine mechanical, electrical, computer, and software skills to prepare for positions operating and maintaining the electro-mechanical, computer-controlled systems commonly found in automated manufacturing environments. The Mechatronics program is designed so participants may rotate between practice (workplace) and theory (classroom) throughout the program.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply basic manufacturing shop math principles and formulas to shop problems.
2. Implement preventive and predictive maintenance processes and operations.

3. Use common hand tools and electronic test equipment for basic troubleshooting and maintenance of mechanical equipment.
4. Apply safety techniques to ensure a safe working environment while following industrial safety standards.
5. Interpret and construct technical documents for mechanical and electrical processes.
6. Create detailed 3D drawings in CAD for blueprints and schematics.
7. Explain the process of automation and the equipment involved in its operation.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Full-Time Two Semester Program Curriculum

Mod 1

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 181 - Introduction to Mechatronics **3 credit(s)**
- BMM 183 - Basic Electrical **3 credit(s)**

Mod 2

- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**
- BMM 185 - Hydraulics and Pneumatics **3 credit(s)**
- BMM 187 - Mechanical Drives and Kinematics **3 credit(s)**

Mod 3

- BMM 189 - Electrical Schematics **3 credit(s)**
- BMM 287 - Industrial Robotics **3 credit(s)**
- BMM 281 - Motor Control **3 credit(s)**

Mod 4

- BMM 283 - Programmable Controllers **3 credit(s)**
- BMM 285 - Industrial Electrical Maintenance **3 credit(s)**
- BMM 289 - Machining and Pipe Fabrication **3 credit(s)**

Part-Time One Year Program Curriculum

(Reserved for Industry Incumbent Workers ONLY)

Mod 1

- BMM 181 - Introduction to Mechatronics **3 credit(s)**
- BMM 183 - Basic Electrical **3 credit(s)**

Mod 2

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**

Mod 3

- BMM 185 - Hydraulics and Pneumatics **3 credit(s)**
- BMM 187 - Mechanical Drives and Kinematics **3 credit(s)**

Mod 4

- BMM 189 - Electrical Schematics **3 credit(s)**
- BMM 281 - Motor Control **3 credit(s)**

Mod 5

- BMM 287 - Industrial Robotics **3 credit(s)**
- BMM 283 - Programmable Controllers **3 credit(s)**

Mod 6

- BMM 285 - Industrial Electrical Maintenance **3 credit(s)**
- BMM 289 - Machining and Pipe Fabrication **3 credit(s)**

Total Credits in the Program: 36

Medical Assisting Certificate

The Medical Assistant is a respected, multi-skilled health professional who performs diverse duties in medical offices, clinics and health centers. The varied skills offered by the program provide the opportunity to work either in the administrative or clinical environment.

The goal of the Medical Assisting program is to prepare competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. This program develops the student's knowledge base and skills by providing a theoretical foundation and by developing the student's ability to perform clinical as well as office and administrative procedures. Courses combine lectures, laboratory sessions, simulations, and

assignments to provide students with the knowledge and skills needed to be effective members of the healthcare team. Hands-on practice, along with clinical and work experience is gained during a supervised internship component. Courses are offered on-ground, select courses are offered in a hybrid or online format.

Students are simultaneously enrolled in the Medical Assisting certificate and associate degree programs. Students will first complete the certificate requirements and receive a certificate in Medical Assisting; then graduates will continue in the associate degree program. Upon completion of the certificate program, students are eligible to apply immediately upon graduation for the Certified Medical Assistant (CMA) examination administered by the American Association of Medical Assistants (AAMA). Before graduation, students will be eligible to sit for the Medical Assistant Certification (CCMA) examination administered by the National Health Career Association (NHA).

Students interested in pursuing a Bachelor of Science in Health Science or Associate of Science in Medical Assisting can apply the majority of their Medical Assisting credits towards that degree. Students should contact the Health Science Program Director for more information.

Admission Requirements

1. Complete the application for admission into Goodwin University. Applicants to the Medical Assisting program must first meet the requirements for admission and be accepted into Goodwin University.
2. Complete the following prerequisite courses with a "C" or higher:
    1. HSC 105 - Medical Terminology
    2. BIO 101 - Concepts in Human Biology
3. Complete the Medical Assisting program application
4. Interview with the Program Director and/or Practicum Coordinator before admission.

Accepted Students

Medical Assisting students will be required to provide documentation of a physical exam (within 2 years) and immunizations prior to starting the program. Student immunizations must remain current throughout the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- Influenza vaccination (within 1 year)
- MMR vaccination or titer
- Varicella vaccination or titer
- Tetanus vaccination (within 7 years)
- Two-step PPD (within 1 year)

Students will be asked to provide confirmation of the following prior to the internship:

- Proof of current CPR certification by the American Heart Association for Healthcare Providers/BLS and First Aid
- Proof of professional liability insurance obtained before beginning an internship
- Receipt of confidentiality statement
- Proof of completion of the Health and Safety test from Connecticut Hospital Association (CHA)
- Successfully pass a background check and drug test prior to the start of their internship. Forms are provided by program personnel.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Utilize medical terminology appropriately;
2. Describe the anatomy and physiology of the human body, as well as the related disease processes;
3. Describe legal and regulatory frameworks of healthcare as they relate to the Medical Assistant;
4. Demonstrate computer literacy skills;
5. Effectively engage in written and oral communication as demonstrated through charting and communication with patients and other health professionals;
6. Prepare patients for examination or procedures, and assist the physician with the examination or procedure;
7. Collect and prepare laboratory specimens, as well as perform basic laboratory testing;
8. Perform phlebotomy and other invasive specimen collection techniques; and
9. Perform electrocardiograms and respiratory testing.

Medical Assisting Program Policies

Policies specific to the Medical Assisting program may be found in the Medical Assisting Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all major core course requirements with a minimum grade of "C" or higher.

Curriculum

- HSC 111 - Medical Law and Ethics **3 credit(s)**
- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 151 - Medical Assisting: The Medical Office and Patient Care **3 credit(s)**

- MED 152 - Medical Assisting: Diagnostic Procedures **3 credit(s)**
- MED 153 - Medical Assisting: Laboratory Procedures **3 credit(s)**
- MED 212 - Pharmacology **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**
- MED 299 - Medical Assisting Internship **3 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**

Total Credits in the Program: 30

Medical Billing and Coding Certificate

Medical Billing and Coding is a challenging and rapidly growing area of healthcare. With today's advancements in medicine and technology and increasing government regulations, this field offers many career avenues for the individual with a medical billing and coding education.

Medical Coding is the practice of assigning specific numeric and alpha-numeric codes to medical services, procedures, and diagnoses in order to submit claims to insurance companies including Medicare and Medicaid, in order to receive payment for services provided by a licensed healthcare professional. Medical Billers and Coders function as medical reimbursement consultants to medical practices, physician billing services, insurance companies, software companies, healthcare agencies, consulting firms, and State and Federal Government agencies.

The objective of the certificate in Medical Billing and Coding is to provide students with a solid academic foundation in the areas of procedural and diagnostic coding, utilization of medical software, accounts receivable, insurance claims submission and management, electronic medical records (EMR), HIPAA compliance, health insurance guidelines and insurance fraud issues.

Graduates of the program are prepared and encouraged to sit for the Certified Professional Coder (CPC) exam given by the American Academy of Professional Coders (AAPC).

Students interested in pursuing an Associate or Bachelor of Science in Health Science can apply the majority of their credits towards these degrees. Students should contact the Health Science Program Director for more information.

Admission Requirements

1. Complete the application for admission into Goodwin University. Applicants to the Medical Billing and Coding program must first meet the requirements for admission and be accepted into Goodwin University.
2. Completion of the following prerequisite courses with a minimum grade of a "C" or higher:
    1. HSC 105 - Medical Terminology
    2. BIO 1XX - Biology Elective
3. Complete the Medical Billing and Coding program application

4. Interview with the Program Director and/or Academic Advisor for Medical Billing and Coding before admission.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate the ability to successfully process medical insurance claims both manually and electronically;
2. Demonstrate the ability to analyze all medical reports to properly identify all procedures and diagnoses;
3. Demonstrate accurate coding of procedures and diagnoses utilizing resources such as, CPT-4, ICD-10-CM, and HCPCS;
4. Apply knowledge of the medical insurance industry by accurately recording co-payments, deductibles, coinsurance, and risk withholds;
5. Demonstrate knowledge and adherence to HIPAA regulations;
6. Demonstrate coding skills by preparing to take the Certificated Professional Coding exam through the American Academy of Professional Coders (AAPC).

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must complete the following programmatic graduation requirements:

1. Complete all MCD core courses and MED 115 with a "C" or higher.
2. Completion of a 3-credit elective internship (MCD 299) or Medical Law & Ethics (HSC 111).

Curriculum

Non-Major Core Requirements - 6 credits

- BIO 1XX - Biology **Credit(s): 3**
- HSC 105 - Medical Terminology **3 credit(s)**

Medical Billing and Coding Major Core Requirements - 24 credits

- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**
- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**
- MCD 213 - CPT®-4 Coding I **3 credit(s)**
- MCD 214 - CPT®-4 Coding II - (CPC) **3 credit(s)**
- MCD 216 - ICD-10-CM Coding **3 credit(s)**

- MCD 220 - Medical Coding Capstone **3 credit(s)**
- MCD 299 - Medical Billing and Coding Internship **3 credit(s)**
  OR
- HSC 111 - Medical Law and Ethics **3 credit(s)**

Total Credits in the Program: 30

Patient Care Associate Certificate

The Patient Care Associate (PCA) program prepares individuals to become essential members of a healthcare team, delivering competent patient-centered care across a variety of clinical settings. This comprehensive training combines foundational nursing assistant skills with instruction in phlebotomy and electrocardiography (EKG), enhancing graduates' employability and their ability to become professionals in a health care setting.

Program Learning Outcomes

Upon successful completion of this program, graduates will be able to:

1. Practice safe, person-centered care by assisting patients with activities of daily living (ADLs), promoting comfort, dignity, and overall wellness across the lifespan.
2. Identify infection control and safety protocols in accordance with OSHA, CDC, and Joint Commission standards.
3. Perform essential clinical procedures, including monitoring vital signs, providing ostomy and catheter care, and assisting with feeding tube maintenance, following scope of practice.
4. Demonstrate phlebotomy techniques, including venipuncture, specimen collection, and handling in compliance with regulatory and safety standards.
5. Operate electrocardiogram (EKG) equipment accurately and identify common cardiac rhythms, abnormalities, and technical artifacts.
6. Demonstrate professionalism and ethical behavior in all interactions, ensuring clear communication, respect for diversity, patient confidentiality (HIPAA), and adherence to the Patients' Bill of Rights.

Admission Requirements

Complete the application for admission into Goodwin University.

Accepted Students

PCA students will be required to provide immunizations prior to starting the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- Influenza vaccination (within 1 year)
- MMR vaccination or titer
- Varicella vaccination or titer
- Two-step PPD (within 1 year)

Students will be asked to provide confirmation of the following prior to clinical:

- Proof of current CPR certification by the American Heart Association for Healthcare Providers/BLS and First Aid
- Receipt of confidentiality statement
- Successfully passing a background check and drug test.

PCA Program Policies

Policies specific to the PCA program may be found in the PCA Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all PCA courses with a minimum grade of "C" or higher.

Curriculum

Semester 1

- PCA 101 - Nursing Assistant Skills **6 credit(s)**
- PCA 103 - Patient Care Associate Internship **6 credit(s)**

Semester 2

- PCA 104 - Patient Care Associate Internship II **6 credit(s)**
- PCA 109 - Principles and Practices of Phlebotomy **3 credit(s)**
- PCA 120 - Advanced Phlebotomy Techniques **3 credit(s)**

Semester 3

- PCA 112 - Electrocardiogram Practices **3 credit(s)**
- PCA 116 - Patient Care Associate Internship III **6 credit(s)**
- PCA 125 - Advanced Electrocardiogram Practice **3 credit(s)**

Total Credits in the Program 36

Practical Nurse

The 67-credit Practical Nursing (PN) program prepares individuals with the knowledge and skills needed to become entry-level Practical Nurses. Goodwin's PN program prepares students for licensure and to work in the state of CT. Current trends in healthcare are affording the Practical Nurse the ability to work in various settings, including physician's offices, clinics, dialysis centers, hospitals, schools, and long-term care settings. Upon successful completion of our Practical Nursing program and passing the National Council of State Boards of Nursing Licensure Examination for Practical Nurses (NCLEX-PN), the Practical Nurse will be able to care for clients of all ages with various health conditions under the supervision of a Registered Nurse (RN) or an Advanced Practice Registered Nurse (APRN).

We offer convenient day and evening classes to meet the individual's lifestyle needs, while students pursue their education to reach their career goals. Students will practice their nursing skills through practice in the hands-on lab and an abundance of clinical opportunities in the community that allows students to practice their nursing skills to become competent and practice ready to assume their roles as a Practical Nurse.

The Goodwin University PN program is a cohort-based model. Once a student is enrolled in either the full-time or part-time program, they cannot switch to the other program. The curriculum sequencing and pace of study are different for each program.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply nursing principles and theories when implementing a care plan for clients under the direction of and in collaboration with the RN.
2. Assist in evaluating the effectiveness of nursing interventions, using observations and data collection to recommend changes in the care plan.
3. Demonstrate critical judgement in response to emergency situations.
4. Practice appropriate verbal, nonverbal, and written communication, respecting clients, families, and health care team members' diverse cultures, values, and belief systems.
5. Use appropriate principles of priority setting, time management, delegation, and standards of care.
6. Describe legal and ethical rights to advocate for healthcare clients and families.

Admission Requirements

- Complete an application for admission to Goodwin University
- Provide proof of high school diploma, or GED
- Complete the ATI TEAS Exam with a minimum score of 54.7% or higher
- Complete ENG 101, COM 105, MATH 125 or higher, and BIO 101 (5-year expiration)

- Complete the PN application

Practical nursing applicants who have satisfied all of the admission criteria will be selected according to the point system as specified below.

Point System

Course Taken at Goodwin	**Score**
1 course	1
2 courses	2
3 courses	3
4 courses	4
Prerequisite Courses (minimum grade of C required)	**Score: A (100-90) = 3 pts, B (89 - 80) = 2 pts, C (79 - 72) = 1 pt**
MATH 125 or higher	1 - 3
BIO 101 or higher (5-year expiration)	1 - 3
COM 105	1 - 3
ENG 101	1 - 3
TEAS Score (>54.7 to qualify)	**Score**
54.7% - 59.7%	2
59.8% - 64.8%	3
64.9% - 69.9%	4
70.0% - 75.0%	5
75.1% - 80.1%	6
80.2% - 85.2%	7
85.3% - 90.3%	8

90.4% - 95.4%	9
95.5% - 100%	10
Total Possible Points:	**26**

Applicants will be notified of acceptance in advance of the registration period for the following semester.

Accepted Students

Once accepted to the PN program, students are required to:

- Submit a physical exam from a health care provider
- Submit proof of immunizations:
    - MMR (Measles, mumps & rubella)
    - Varicella (Chicken pox)
    - Hepatitis B: the Hepatitis B vaccine series which may be in progress. If a student elects not to have the Hepatitis B vaccine series, a signed declination form must be in his/her file.
    - Tuberculosis (TB)
    - Tetanus, Diphtheria & Pertussis (TDaP)
- Submit proof of the influenza vaccination and COVID-19 vaccination including boosters
- Submit proof of health insurance
- Submit proof of Cardiopulmonary Resuscitation (CPR) certification
- Submit to a background check/drug screen
    - Goodwin University covers the standard costs of these tests through the Navigator's Scholarship for PN certificate. However, any background check expenses that exceed the standard costs will be the responsibility of the student.
    - If the drug screen result is "negative dilute," the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by healthcare provider, will prevent the student from entering the program.
    - Students will be notified if the background check reveals any criminal record that might interfere with future licensure. If a clinical facility prohibits the student from participating in a clinical experience based on this result, the department will make two additional attempts to place the student in an alternative facility. If neither of the two further attempts yields a placement for the student, (s)he will not be permitted to progress with the program.

PN Department Policies

Policies specific to the PN program may be found in the Practical Nurse Student Handbook.

Graduation Requirements

The following requirements must be met to graduate from the PN program:

- Complete all graduation requirements as stated in the catalog.
- Complete all PN courses with a (C) or higher within the maximum period (6-8 semesters).
- Complete a minimum of 1,500 hours in the program (750 hours of clinical time and 750 hours of classroom time).
- Fulfill all financial obligations to the University.

Goodwin's PN program prepares students for licensure and to work in the state of CT. Graduation from the program does not guarantee passing the NCLEX-PN® licensing exam. If a student in the program has a felony record, the Department of Public Health will determine their eligibility to take the NCLEX-PN® when the student applies to take the exam. The university has no responsibility for making this decision.

Curriculum

Full Time Requirements

First Semester - 16 Credits

- PN 100 - Fundamentals in Nursing I **5 credit(s)**
- PN 101 - Professionalism in Nursing **3 credit(s)**
- PN 109 - Growth & Development Across the Lifespan **4 credit(s)**
- CPNF 101 - Clinical Nursing I **4 credit(s)**

Second Semester - 16 Credits

- PN 102 - Fundamentals in Nursing II **4 credit(s)**
- PN 103 - Medical Surgical 1A **3 credit(s)**
- PN 104 - Medical Surgical IB **4 credit(s)**
- CPNF 102 - Clinical Nursing II **5 credit(s)**

Third Semester - 17 Credits

- PN 105 - Pharmacology **3 credit(s)**
- PN 106 - Medical Surgical II **6 credit(s)**
- PN 107 - Mental Health Nursing **3 credit(s)**
- CPNF 103 - Clinical Nursing III **5 credit(s)**

Fourth Semester - 18 Credits

- PN 114 - Medical Surgical IIIA **4 credit(s)**
- PN 115 - Medical Surgical IIIB **3 credit(s)**
- PN 118 - Maternal Nursing **3 credit(s)**
- PN 119 - Pediatric Nursing **3 credit(s)**
- PN 120 - Practical Nurse Capstone **2 credit(s)**
- CPNF 104 - Clinical Nursing IV **3 credit(s)**

Part Time Requirements

First Semester - 10 Credits

- PN 100 - Fundamentals in Nursing I **5 credit(s)**
- PN 101 - Professionalism in Nursing **3 credit(s)**
- CPNP 101 - Clinical Nursing I **2 credit(s)**

Second Semester - 11 Credits

- PN 102 - Fundamentals in Nursing II **4 credit(s)**
- PN 109 - Growth & Development Across the Lifespan **4 credit(s)**
- CPNP 102 - Clinical Nursing II **3 credit(s)**

Third Semester - 9 Credits

- PN 103 - Medical Surgical 1A **3 credit(s)**
- PN 105 - Pharmacology **3 credit(s)**
- CPNP 103 - Clinical Nursing III **3 credit(s)**

Fourth Semester - 7 Credits

- PN 104 - Medical Surgical IB **4 credit(s)**
- CPNP 104 - Clinical Nursing IV **3 credit(s)**

Fifth Semester - 11 Credits

- PN 106 - Medical Surgical II **6 credit(s)**
- PN 107 - Mental Health Nursing **3 credit(s)**
- CPNP 105 - Clinical Nursing V **2 credit(s)**

Sixth Semester - 9 Credits

- PN 114 - Medical Surgical IIIA **4 credit(s)**
- PN 118 - Maternal Nursing **3 credit(s)**
- CPNP 106 - Clinical Nursing VI **2 credit(s)**

Seventh Semester - 10 Credits

- PN 115 - Medical Surgical IIIB **3 credit(s)**
- PN 119 - Pediatric Nursing **3 credit(s)**
- PN 120 - Practical Nurse Capstone **2 credit(s)**
- CPNP 107 - Clinical Nursing VII **2 credit(s)**

Total Credits in the Program: 67

Quality and Manufacturing Inspections Certificate

Enrollment into this certificate is by Departmental Permission only.

In this 19-credit Quality and Manufacturing Inspections certificate program, students learn about critical quality assurance and inspections in 21st century modern manufacturing. Students will begin by learning basic industry skills in order to receive nationally recognized credentials in safety, quality, production processes, and maintenance awareness. Students then study quality management and inspection techniques, engineering drawing interpretation, and lean manufacturing concepts. Students also develop skills related to measurement and test equipment.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply lean tools to manage inventory, production process and quality to meet financial and supplier requirements.
2. Establish quality assurance processes to meet quality audits.
3. Demonstrate basic inspection tool skills.
4. Demonstrate competency in quality theory and practice.
5. Assess and evaluate the relationship between quality and supplier management.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Curriculum

First Semester

- BMM 222 - Technical Drawings and Specifications **3 credit(s)**
- BMM 224 - Metrology and Calibration **3 credit(s)**

Second Semester

- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**

Third Semester

- BMM 229 - Advanced Metrology and Calibration **4 credit(s)**
- BMM 235 - Layout Inspection **3 credit(s)**

Total Credits in the Program: 19

Robotics and Automation Technician Certificate

In this three semester, 24-credit Robotics and Automation Technician Certificate program, students will be introduced to robotics and automation concepts used in manufacturing, supply chain, and retail operations. Students will learn the basic concepts for maintaining, troubleshooting, and programming automated systems that include hydraulic, pneumatic, and electrical systems, and how they work to create an automated or robotic system. Understanding motor controls and programmable controls (PLC) as they relate to the automated process is essential. Participants are introduced to computer-aided design (CAD), industrial robots, and programming for robotic and automated systems.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Explain the process of automation and the equipment involved in its operation.
2. Program basic automated digital; and mechanical systems.
3. Apply basic manufacturing shop math principles and formulas to automation problems.
4. Implement preventive and predictive maintenance processes and operations for robotic and automation equipment.
5. Complete troubleshooting on automated and robotic equipment.
6. Apply safety techniques to ensure a safe working environment while following industrial safety standards.
7. Read and construct technical documents for robotic and automated processes.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 or higher in the coursework.

First Semester

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 183 - Basic Electrical **3 credit(s)**
- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**

Second Semester

- BMM 189 - Electrical Schematics **3 credit(s)**
- BMM 281 - Motor Control **3 credit(s)**
- BMM 283 - Programmable Controllers **3 credit(s)**

Third Semester

- BMM 287 - Industrial Robotics **3 credit(s)**
- BMM 291 - Robotics and Automation Programming **3 credit(s)**

Total Credits in the Certificate: 24

Violence Intervention and Advocacy Certificate

This 18-credit undergraduate academic certificate provides students with an understanding of the nature and form of crises and trauma across a diversity of situations and how to address the sequel from these events. Emphasis is placed on applying evidence-based, culturally appropriate approaches for supporting individuals and families with deescalating these events and developing productive coping skills.

This certificate program can be completed by the student without matriculating in a degree program. By taking the electives specified in the plan of study, the certificate can be completed in conjunction with the AS in Human Services degree.

Program Learning Outcomes

Upon successful completion of all program requirements, students will be able to:

1. Describe current crisis theories, principles, and practices;
2. Assess crises situations to determine best fit, evidence-based interventions for assisting individuals and families;
3. Develop evidence-based, culturally appropriate intervention strategies aligned to the nature of the crises and those in need; and
4. Apply trauma-informed case management practices that are strengths-based and person-centered.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must complete all programmatic courses with a minimum grade of "C" or higher.

Curriculum

- HSR 105 - Community Organization and Advocacy **3 credit(s)**
- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**
- HSR 410 - Human Trafficking **3 credit(s)**
- HSR 325 - Case Management: Principles and Practice **3 credit(s)**
- HSR 350 - Crisis Prevention and Intervention **3 credit(s)**

Total Credits in the Program: 18

Welding Technology Certificate

This 24-credit certificate program is for the student whose intention is to pursue entry level employment in the field of welding after completing the program. The 24 credits earned for this certificate may also be used toward the fulfillment of the BS Degree in Manufacturing Management. Students are introduced to welding safety and fabrication using common welding processes including: shielded metal arc welding (SMAW), gas metal arc welding (GMAW/MIG), flux core arc welding (FCAW) Gas Tungsten Arc Welding (GTAW/TIG) and thermal cutting. State of the art equipment is used to create and weld complex parts using a CNC plasma cutter and variety of welding equipment.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate use of personal protective equipment (PPE) and industrial safety standards in welding and fabricating environments.
2. Interpret technical drawings.
3. Set-up and operate common hand and power tools, welding machines and thermal cutting equipment utilized in welding and fabrication operations.
4. Apply basic mathematics to solve problems encountered in metal-working.
5. Layout, fixture, and fabricate required weldments from technical drawings.
6. Demonstrate quality weld joints in required positions in all processes.
7. Evaluate welding and fabricating problems and recognize discontinuities, flaws, and defects in welding processes before taking corrective action to achieve the desired outcomes.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Curriculum

Full-time welding programs meet twice per week for six hours. Day courses are typically offered from 8am-3:30pm with a break and evening courses are typically offered from 3pm-9pm with a break.

First Semester

- BMM 151 - Welding Safety **3 credit(s)**
- BMM 153 - Welding Principles **3 credit(s)**
- BMM 155 - Welding Fabrication **3 credit(s)**
- BMM 157 - Thermal Cutting **3 credit(s)**

Second Semester

- BMM 252 - Introduction to Shielded Metal Arc Welding (SMAW) **3 credit(s)**
- BMM 254 - Introduction to Flux Core Arc Welding (FCAW) **3 credit(s)**
- BMM 256 - Introduction to Gas Tungsten Metal Arc Welding (GTAW) / Tungsten Inert Gas (TIG) **3 credit(s)**
- BMM 258 - Introduction to Gas Metal Arc Welding (GMAW) / Metal Insert Gas Welding (MIG) **3 credit(s)**

Total Credits in the Program: 24

Minor

Business Administration Minor

Business Administration studies the business competencies and knowledge needed to meet the challenges of a changing marketplace in a variety of industries. The skills and knowledge developed in this coursework equip students with an understanding of contemporary business and the best practices needed to achieve business success. Students are encouraged to work closely with their Advisors to design a Business Administration minor that fits their career and educational goals.

Curriculum

Required Courses

- 1XX Elective **3 credit(s) ***
- 2XX Elective **3 credit(s) ***
- 3XX Elective **3 credit(s) ***

- BUS 101 - Introduction to Management **3 credit(s)**
- ACC 101 - Principles of Accounting I **3 credit(s)**
  OR
- ACC 110 - Applied Accounting **3 credit(s)**

Note:

*Elective courses must be selected from Business Administration courses (ACC, BMM, BUS, ECN, or OS).

Total Credits in the Program: 15

English Minor

A minor in English enhances graduates' employability and can complement plans of study for Bachelor of Science degrees at Goodwin University. Students who minor in English gain knowledge and skills in rhetoric, composition, and standard language conventions. Students must complete 15 credits of the English courses offered at Goodwin University. Of the 15 credits, a minimum of 6 credits must be at a 200-level or higher, and a minimum of 3 credits must be at a 300-level or higher. Students should work closely with their advisors to select and design a course of study that fits with their educational and career goals.

Psychology Minor

A minor in Psychology enhances graduates' employability and can complement plans of study for Bachelor of Science degrees in business, nursing, health science, human services, and related fields. Students who minor in Psychology gain knowledge and skills in human behavior and mental processes. Students must complete 15 credits of the Psychology courses offered at Goodwin University. Of the 15 credits, a minimum of 6 credits must be at a 200-level or higher and a minimum of 3 credits must be at a 300-level or higher. Students should work closely with their advisors to select and design a course of study that fits with their educational and career goals.

School of Business, Technology, and Advanced Manufacturing

School of Business, Technology, and Advanced Manufacturing

Mission Statement

The mission of the School of Business, Technology, and Advanced Manufacturing is to prepare career-focused individuals capable of technical, professional and interpersonal competencies to meet the needs of our stakeholders. With this acquired knowledge and an ethical mindset, our students contribute to the social responsibility and sustainability of organizations within the community.

Master's

Organizational Leadership, M.S.

The Master of Science in Organizational Leadership (MSOL) allows students to discover and cultivate their inner leaders. This 30-credit program goes beyond theory, offering a transformative learning experience that enhances personal and professional development. Students explore the dynamics of organizational and individual behavior, master effective communication strategies, and are provided opportunities to navigate change across various sectors. Whether a traditional student or a working professional, MSOL delivers the tools and insights necessary to advance careers and lead with confidence.

Crafted through practical applications such as case studies, assessments, and surveys to gain further insight into the style of the student's leadership, the program reinforces the power of the leader to impact the individual and the group. This program will provide the opportunity to develop expertise in organizational theory, human action, and change management, and gain the skills to effectively lead diverse teams in government, corporate, and nonprofit environments.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Select leadership practices and theories that address the diverse needs of specific stakeholders.
2. Assess ethics and authentic behaviors to analyze the actions of a leader.
3. Utilize diverse data sources to assist in making effective decisions to reach each goal.
4. Interpret leadership strategies that will enable diverse groups to work towards common goals.

5. Compare and select strategies to develop a strategic plan to achieve organizational goals.

Admission Requirements

In addition to meeting the University's requirements of all graduate program applications, students interested in the Master of Science in Organizational Leadership (MSOL) must also:

- Write a letter of intent/personal statement describing the benefit to the applicant of this course of study (maximum 500 words).
- Include a resume and two letters of recommendation attesting to the applicant's readiness for advanced study and leadership potential.

Graduation Requirements

Graduate students must earn a cumulative GPA of 3.0. Students must also earn a grade of B- or higher in their capstone course and successful completion of the portfolio.

Curriculum

Organizational Leadership Core Requirements - 21 Credits

- OL 500 - Foundations of Leadership **3 credit(s)**
- OL 510 - Leadership Practices in Organizational Communications **3 credit(s)**
- OL 520 - Data-Driven Decision-Making for Executives **3 credit(s)**
- OL 540 - Performance Management **3 credit(s)**
- OL 650 - Sustainability of Innovation and Strategic Advantage **3 credit(s)**
- OL 660 - Leading Organizational Change **3 credit(s)**
- OL 695 - Leadership Capstone **3 credit(s)**

Organizational Leadership Electives: Select Two (2) Courses - 6 Credits

- OL 525 - Special Topics in Leadership **3 credit(s)**
- OL 620 - Negotiation and Conflict Response **3 credit(s)**
- OL 670 - Coaching as a Leadership Tool **3 credit(s)**
- OL 680 - Engaging with Senior Executives **3 credit(s)**

Directed Electives: Select One (1) Course - 3 Credits

- OL 665 - Applied Research for Organizational Leaders **3 credit(s)**
- OL 685 - Leadership Training and Development **3 credit(s)**

Total Credits in the Program: 30

Graduate Certificate

Influencing Organizational Leadership Certificate

Long term competitiveness for any organization relies on effective communication of fresh ideas and innovation from front line employees up through the ranks of senior level leadership. The question is how to ensure this communication is welcomed and occurs? This certificate provides an opportunity to help business professionals looking to advance their careers. Participants in this program will strengthen both communication and relationship building skills with senior level executives with the intention of successfully leading change with an organization.

There are four courses to be completed to earn the certificate in influencing leaders. This certificate is not a "one size fits all" approach but a true opportunity to determine how an individual can make a positive impact on the organization. This will lead participants to more confident, constructive, and effective conversations with senior leadership which will transform participants and organizations in the process.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate oral and written communication skills concerning complex ideas concisely and persuasively to senior-level executives.
2. Evaluate strategies for creating professional relationships with senior leadership that fosters trust and collaboration.
3. Develop implementation plan that creates opportunities for organizational change.
4. Assess strengths and weaknesses of communication styles and utilize this knowledge to improve interactions with senior leaders.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog.

Curriculum

Required Courses

- OL 510 - Leadership Practices in Organizational Communications **3 credit(s)**
- OL 525 - Special Topics in Leadership **3 credit(s)**
- OL 660 - Leading Organizational Change **3 credit(s)**
- OL 680 - Engaging with Senior Executives **3 credit(s)**

Total Credits in the Program: 12

Bachelor's

Business Administration, B.S.

The Bachelor of Science in Business Administration provides the business competencies that employers look for in their workforce. Students prepare to meet the challenges of a changing marketplace in a wide variety of local and global industries while preparing for leadership roles within the business arena. The Bachelor of Science in Business Administration focuses on developing students to understand and support organizational missions.

This degree program is focused on realistic, accurate, and sound interpretations of the complexity and diversity found in today's global economy. The program strives to be consistent in scope with University standards and industry outcomes. This program of study integrates analysis of theory, case studies, projects and research so students may apply these to practical situations in the daily workplace. Students are further encouraged to develop thoughtful and creative approaches to understanding business models that are assessable, and observable. The degree program emphasizes ethical business behavior while promoting corporate social responsibility and social enterprise.

The Bachelor of Science in Business Administration is thus a comprehensive response to the demand for business skills in an ever-increasing global market and competitive workplace. Many people in the workplace may seek career opportunities in small to mid-size businesses, explore their own start-up or franchise business, or assume a role in a community-oriented nonprofit. Participants develop the requisite skills and knowledge that are needed for small business employers and nonprofit organizations. The skills and knowledge taught in this program relevant to the business arena help develop competent personnel in any organization through the understanding of marketing, operations, organizational structures and best practices for contemporary small businesses whether profit-driven or not. As participants in business life, students in this program develop the knowledge and competencies to become contributors to their organization's success. They may even exercise formal or informal leadership roles in their respective organizations and are thus well versed in contemporary business theories and practices to make their inculcation into an organization more effective.

Program learning outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate a comprehensive knowledge of core business areas, including finance, marketing and social media.
2. Demonstrate quantitative and technical skills to analyze data, interpret results, and improve business operations.

3. Develop communication plans using social media and digital marketing strategies.
4. Apply ethical principles and corporate social responsibility within the business environment.
5. Describe socio-cultural, political-legal, and economic dimensions of global business, preparing them for the international marketplace.
6. Utilize digital tools and technologies to support and enhance business operations.
7. Evaluate information management, planning, and control in business environments to make informed decisions.

Graduation requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.5 in the major.

General Education core requirements - 40 credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **3 credit(s)**
- ENG 325 - Advanced Writing for the Business Professional **3 credit(s)**
- MATH 1XX - Mathematics (MATH) **3 credit(s)**
- Science (BIO, CHEM, SCI) **4 credit(s)**
- Social Science (PSY, SOC) **6 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **3 credit(s)**
- General Education Electives **15 credit(s)**

Programmatic general education requirements - 6 credits

- STAT 167 - Principles of Statistics **3 credit(s)**
- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**

Business Administration major core requirements - 48 credits

Freshman year

- ACC 1XX - Accounting Elective **3 credit(s)**
- BUS 101 - Introduction to Management **3 credit(s)**
- BUS 110 - Business Law and Ethics **3 credit(s)**
- ECN 1XX - Economics Elective **3 credit(s)**

Sophomore year

- BUS 132 - Budgeting and Planning **3 credit(s)**
- BUS 135 - Customer Relations in a Multicultural World **3 credit(s)**

- BUS 150 - Small Business and Entrepreneurship **3 credit(s)**
- BUS 215 - Marketing **3 credit(s)**

Junior year

- BUS 265 - Principles of Finance **3 credit(s)**
- BUS 2XX - Directed Elective* **3 credit(s)**
- BUS 305 - E-Business **3 credit(s)**
- BUS 310 - Targeted Marketing and Social Media **3 credit(s)**

Senior year

- BUS 3XX - Directed Elective* **3 credit(s)**
- BUS 410 - Theory and Practice of Business Research **3 credit(s)**
- BUS 4XX - Directed Elective* **3 credit(s)**
- BUS 490 - Capstone: Strategic Planning **3 credit(s)**

Note:

* Directed elective courses may be taken from courses with the following prefixes: ACC, BUS, ECN, OS, or BMM at the appropriate levels.

Open electives - 27 credits

Total Credits in Program: 121

Manufacturing Management, B.S.

The Bachelor of Science in Manufacturing Management is designed to prepare students for entry- and mid-level positions in a wide array of manufacturing organizations. Coursework is designed around two primary areas:

General Education core courses facilitate the student's development in broad skills specifically identified by employers throughout our region as being essential for success in manufacturing management. Those include computer literacy, communication, math, science, social science, and a global perspective.

Manufacturing core courses provide the student with the knowledge necessary to develop competencies and obtain the skills that they need to succeed. Focus is on supervision of manufacturing processes, management of human and machine resources, assurance of lean processes and production of high-quality product, all of this within budgetary and schedule constraints. Core manufacturing courses in conjunction with manufacturing electives, chosen with advice from the Program Director, enable students to focus their degree on a specific area of interest within their manufacturing profession. These include, operations management,

manufacturing supervision, lean manufacturing, manufacturing logistics, industrial safety, production planning and control, quality management, purchasing and customer service. The students will also gain hands-on experience in fabrication, quality, logistics and advanced manufacturing laboratories. Throughout the manufacturing management program there is a strong emphasis on leadership, teamwork, problem solving and safety.

In addition to earning the degree, the student will have the opportunity to earn nationally-recognized, portable credentials from the Manufacturing Skill Standards Council (MSSC) including the Certified Production Technician (CPT) credential, and the Certified Logistics Technician (CLT) credential.

Students may concentrate in CNC Machining or Quality Management Systems; the core requirements of which are listed under their respective Associate in Science degree. The concentration in CNC Machining prepares students for entry-level positions as CNC operators. This concentration integrates an understanding of manufacturing processes, a knowledge of materials, a working knowledge of manufacturing mathematics, a competence in technical drawing and specifications, an understanding of computer-aided machining, and the hands-on machining skills needed for CNC operators.

The concentration in Quality Management Systems prepares students for entry-level positions as quality technicians. This concentration covers the basics of quality management, manufacturing principles, quality inspection techniques, materials & processing, interpreting engineering drawings, problem solving, measurement and test equipment, calibration, lean manufacturing, statistical process control, teamwork and supplier quality control.

Students earning a Bachelor of Science in Manufacturing Management are prepared to make a significant contribution to manufacturing and production.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Control the flow of material with appropriate process documentation in the most efficient manner, while employing lean principles, operational flow strategies, value stream management, inventory mapping, inventory control and scheduling;
2. Apply management competencies toward human capital and other resources in the manufacturing process;
3. Apply financial metrics to the manufacturing decision process;
4. Apply stakeholder-relevant competencies in support of customer desires and needs;
5. Develop skills to manage operations and strategically plan for the long-term viability of a manufacturing business for the purpose of promoting the mission, vision and core values;
6. Establish a quality management process, develop grades and standards of quality, and provide staff training to facilitate corrective action;
7. Implement a manufacturing process that results in recognized credentials from CPT, CPT-Green, and CLT; and

8. Apply relevant metrics to drive continuous improvement.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

Curriculum

General Education Core Requirements - 40 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- ENG 325 - Advanced Writing for the Business Professional **3 credit(s)**
- MATH 1XX - Mathematics (MATH 135 or higher) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 4**
- Social Science (PSY, SOC) **Credit(s): 6**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 15**

Programmatic General Education Requirements - 3 Credits

- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**

Manufacturing Management Major Core Requirements - 51 Credits

Freshman Year

- BMM 101 - Key Principles of Manufacturing **3 credit(s)**
- BMM 110 - Technology in Advanced Manufacturing **3 credit(s)**
- OS 101 - Team Dynamics and Individual Skills **3 credit(s)**
- OS 180 - Organizational Supervision and Administrative Roles **3 credit(s)**
- BUS 101 - Introduction to Management **3 credit(s)**

Sophomore Year

- ACC 110 - Applied Accounting **3 credit(s)**
- BUS 132 - Budgeting and Planning **3 credit(s)**
- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- OS 210 - Organizational Communications **3 credit(s)**
- BMM 135 - Green Manufacturing **3 credit(s)**
  OR
- BMM 125 - Manufacturing Logistics **3 credit(s)**

Junior Year

- BMM 3XX - Manufacturing Elective **Credit(s): 3**
- BMM 320 - Facilities and Planning **3 credit(s)**
- BUS 330 - Operations Management **3 credit(s)**
- BMM 350 - Six Sigma Green Belt Training **3 credit(s)**

Senior Year

- BMM 4XX - Manufacturing Elective **Credit(s): 3**
- BMM 440 - Industrial Safety **3 credit(s)**
- BMM 460 - Quality Management Systems **3 credit(s)**

Open Electives - 27 Credits

Total Credits in the Program: 121

Associate

Business Administration, A.S.

The associate degree program in Business Administration provides a foundation in business that will prepare students for direct entry into the workforce or to pursue a baccalaureate degree. The Business Administration curriculum helps students comprehend the underlying business principles and develop the ability to analyze and solve problems faced by managers whether in corporations, small businesses, government agencies or nonprofit organizations.

The program provides an introduction to business and its global connections. It addresses business law and ethics, corporate social responsibility, social enterprise, business planning and development, effective leadership, as well as the fundamentals of accounting, budgeting, and marketing principles. Students also explore the basics of business communication, economic theories and effective forecasting.

Each student builds a business plan relevant to his or her career aspirations that integrates skills and knowledge learned in the various courses. An optional 150-hour internship may be undertaken at the end of the student's program where classroom experiences will be applied in a real business environment. Wherever possible, the specific business chosen for the internship will reflect the student's desired career goal.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate a comprehensive understanding of core business disciplines, including management, marketing, accounting, finance, operations, human resources, economics, and business law.
2. Convey ideas and information in diverse business contexts through oral, written, and electronic communication.
3. Apply analytical skills to evaluate data and implement business theories to address challenges and make informed decisions.
4. Apply ethical principles and social responsibility within the business environment, promoting integrity and ethical behavior.
5. Utilize digital tools and technologies to support and enhance business operations.
6. Describe the socio-cultural, political-legal, and economic dimensions of business in a multi-cultural community.
7. Develop leadership and interpersonal skills essential for effective teamwork and management in today's business environment.
8. Demonstrate practical technical skills necessary for pursuing entry-level positions and various administrative roles in the business sector, such as business plans, budgets, marketing, and team management.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

Curriculum requirements

General education requirements - 21-22 credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **3 credit(s)**
- MATH 1XX - Mathematics (MATH) **3 credit(s)**
- Science (BIO, CHEM, SCI) **3-4 credit(s)**
- Social Science (PSY or SOC) **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **3 credit(s)**
- General Education Elective **3 credit(s)**

Non major core requirements - 3 credits

- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**

Business Administration major core requirements - 21 credits

Freshman year

- BUS 101 - Introduction to Management **3 credit(s)**
- BUS 110 - Business Law and Ethics **3 credit(s)**
- BUS 135 - Customer Relations in a Multicultural World **3 credit(s)**
- ACC 1XX - Accounting Elective **3 credit(s)**

Sophomore year

- ECN 1XX - Economics Elective **3 credit(s)**
- BUS 121 - Personal Finance and Insurance **3 credit(s)**
- BUS 132 - Budgeting and Planning **3 credit(s)**

Electives - 3 credits

- BUS 1XX - Elective **3 credit(s)**
  OR
- ACC 1XX - Accounting Elective **3 credit(s)**

Concentration requirements - 12 credits

Students will select one of the following concentrations to complete the program.

- Open
- Entrepreneurship
- Human Resource Management
- Manufacturing Management

Total Credits in the Program: 60-61 credits

CNC Machining, A.S.

The Associate in Science in Computer Numerical Control (CNC) Machining program, prepares students for entry-level positions in CNC Machining or to pursue a baccalaureate degree. It is also an excellent program for people already working in the CNC Machining field without a degree, who seek advancement opportunities in their chosen career which require an associate degree.

The program prepares graduates for employment in the manufacturing field as a CNC operator. This program of study integrates an understanding of manufacturing processes, a knowledge of materials, a working knowledge of manufacturing mathematics, a competence in technical drawing and specifications, an understanding of computer-aided machining, and the hands-on machining skills needed for CNC machining.

Students completing an Associate in Science in CNC Machining will earn 60-61 credits and have the opportunity to receive nationally-recognized credentials from the Manufacturing Skill Standards Council (MSSC) as a Certified Production Technician (CPT).

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Enhance their skills and knowledge of computer numerical control (CNC) machining in manufacturing sectors through collaboration, presentation and continuous learning;
2. Earn nationally-recognized, portable credentials from the Manufacturing Skill Standards Council (MSSC);
3. Promote and facilitate upward educational and career mobility by providing students with the knowledge, skills, and abilities to effectively integrate themselves into any manufacturing organization;
4. Practice critical thinking and creativity that empowers them to reach their personal, academic, and professional goals;
5. Apply critical thinking skills, the scientific method and problem analysis in manufacturing;
6. Integrate the fields of management, social sciences, and humanities into an academic tract that prepares students to utilize the skills learned in the classroom within diverse settings and with a variety of populations;
7. Develop skills to participate meaningfully in the manufacturing operations for the long-term viability of a manufacturing business for the purpose of promoting the mission, vision, and core values.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

Curriculum

General Education Core Requirements - 21-22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **3 credit(s)**
- MATH 1XX - Mathematics (MATH 135 or higher) **3 credit(s)**
- Science (BIO, CHEM, SCI) **3-4 credit(s)**
- Social Science (PSY or SOC) **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **3 credit(s)**
- General Education Elective **3 credit(s)**

Non-Major Core Requirements - 3 Credits

- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**

CNC Machining Major Core Requirements - 36 Credits

Freshman Year

- BMM 101 - Key Principles of Manufacturing **3 credit(s)**
- BMM 110 - Technology in Advanced Manufacturing **3 credit(s)**
- OS 101 - Team Dynamics and Individual Skills **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**
- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 175 - CNC Machining **3 credit(s)**

Sophomore Year

- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**
- BMM 275 - CNC Machining II **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**
- BMM 276 - CNC Machining Applications **3 credit(s)**
- BMM 241 - CAM II **3 credit(s)**
- BMM 1XX - Directed Elective* **3 credit(s)**

Note:

*Directed elective credits may be from any School of Business, Technology, and Advanced Manufacturing course, unless directed by the program. Directed elective courses contain the following prefixes: BUS, OS, and BMM at the appropriate level.

Total Credits in the Program: 60-61

Manufacturing Engineering Technology, A.S.

The associate in science in Manufacturing Engineering Technology prepares students with a strong foundation in manufacturing processes and technologies. This program equips students with the knowledge and skills necessary to pursue a career in the dynamic field of manufacturing engineering. This program of study integrates an understanding of manufacturing processes, a knowledge of materials and electronics, a competence in technical drawings such as blueprints and schematics, with opportunities to concentrate in computer-aided design, mechatronics, or automation.

Graduates of the program will be prepared to enter the workforce as industrial service technicians, robotics and automation technicians, or computer-aided designers, in various industries such as aerospace, automation, electronics, and medical device manufacturers; or continue their education in a related bachelor's degree program.

Students may also earn milestone certificates in Mechatronics, Robotics, and Automation Technician or Computer Aided Design during their course of study.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate skills and knowledge for the practical application of material science and the manufacturing process that underpins modern manufacturing.
2. Demonstrate practical skills in mechatronics, robotics & automation, computer-aided design (CAD), and computer aided manufacturing (CAM).
3. Practice the principles of lean manufacturing to optimize processes and reduce waste.
4. Demonstrate effective communication and teamwork skills, preparing students to collaborate with colleagues and contribute to multidisciplinary engineering teams.
5. Practice sound safety protocols, and critical thinking to solve technical production issues and the ethical considerations within the manufacturing industry to ensure a commitment to responsible and sustainable practices.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

General Education Core Requirements - 22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH 135 or higher) **Credit(s): 3**
- Science (BIO, CHEM, SCI, PHY) **Credit(s): 4**
- Social Science (PSY or SOC) **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 3**

Manufacturing Engineering Technology Major Core Requirements - 27 Credits

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 181 - Introduction to Mechatronics **3 credit(s)**
- BMM 183 - Basic Electrical **3 credit(s)**
- BMM 187 - Mechanical Drives and Kinematics **3 credit(s)**
- BMM 189 - Electrical Schematics **3 credit(s)**
- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**

- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**

Concentrations - 12 Credits

Students will select one concentration to complete the program.

Mechatronics Concentration

- BMM 185 - Hydraulics and Pneumatics **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**
- BMM 285 - Industrial Electrical Maintenance **3 credit(s)**
- BMM 289 - Machining and Pipe Fabrication **3 credit(s)**

Robotics and Automation Concentration

- BMM 281 - Motor Control **3 credit(s)**
- BMM 283 - Programmable Controllers **3 credit(s)**
- BMM 287 - Industrial Robotics **3 credit(s)**
- BMM 291 - Robotics and Automation Programming **3 credit(s)**

Computer-Aided Design Concentration

- BMM 191 - Advanced SolidWorks **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**
- BMM 241 - CAM II **3 credit(s)**
- BMM 293 - CMM Programming **3 credit(s)**

Total Credits in the Program: 61

Quality Management Systems, A.S.

The Associate in Science in Quality Management Systems program prepares students for entry-level positions in the quality management field or to pursue a baccalaureate degree. It is also an excellent program for people who are working in the field without a degree who seek advancement opportunities in their chosen career that require an associate degree.

The Associate in Science in Quality Management Systems covers the basics of quality management, manufacturing principles, quality inspection techniques, materials & processing, interpreting engineering drawings, problem solving, measurement and test equipment, calibration, lean manufacturing, statistical process control, teamwork and supplier quality control.

Students completing an Associate in Science in Quality Management Systems will earn 61-62 credits and have the opportunity to receive nationally-recognized credentials from the Manufacturing Skill Standards Council (MSSC) as a Certified Production Technician (CPT). Students may choose to continue their studies in a range of baccalaureate programs including Manufacturing and Business Administration programs.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Earn nationally-recognized, portable credentials from the Manufacturing Skills Standards Council (MSSC);
2. Contribute to manufacturing system technology and quality management with an understanding of lean tools;
3. Apply lean tools to manage inventory, production process and quality to meet financial and supplier requirements;
4. Establish quality assurance processes and train staff to meet quality audits;
5. Develop and characterize careers and trends in manufacturing using cost of quality, impact of quality, and safety on the production process;
6. Develop grades and standards of quality, acceptance sampling and inspection procedures and prepare and institute quality assurance mechanisms;
7. Apply financial metrics to the manufacturing decision-making process;
8. Apply stakeholder relevant competencies in support of customer desires and needs;
9. Analyze and manage key elements of a high performance manufacturing organization related to logistics, quality, and manufacturing;
10. Integrate regulatory and government regulations into the quality management systems environment;
11. Demonstrate competency in the research, product development and test process, including the handoff between processes as it applies to manufacturing; and
12. Assess and evaluate strategies for production and quality systems for an organization.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

Curriculum

General Education Core Requirements - 21-22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH 135 or higher) **Credit(s): 3**

- Science (BIO, CHEM, SCI) **Credit(s): 3-4**
- Social Science (PSY or SOC) **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 3**

Non-Major Core Requirements - 12 Credits

- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**
- ACC 110 - Applied Accounting **3 credit(s)**
- OS 210 - Organizational Communications **3 credit(s)**
- STAT 167 - Principles of Statistics **3 credit(s)**

Quality Management Systems Major Core Requirements - 28 Credits

Freshman Year

- BMM 101 - Key Principles of Manufacturing **3 credit(s)**
- BMM 110 - Technology in Advanced Manufacturing **3 credit(s)**
- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**

Sophomore Year

- BMM 222 - Technical Drawings and Specifications **3 credit(s)**
- BMM 224 - Metrology and Calibration **3 credit(s)**
- BMM 226 - Principles of Quality Management **3 credit(s)**
- BMM 228 - Quality Management and Supplier Integration **3 credit(s)**
- BMM 229 - Advanced Metrology and Calibration **4 credit(s)**

Total Credits in the Program: 61-62

Certificate

Basic CNC Production Certificate

Enrollment into this certificate is by Departmental Permission only. It is not an open enrollment certificate but reserved for special projects.

In this 18-credit certificate in Basic Computer Numeric Control (CNC) Production, students will learn the basic skills manufacturing employers are seeking: problem solving, safety, quality, production processes, maintenance awareness, and teamwork.

Students will develop technical drawing, specification, and mathematical skills while learning about material properties and material processing.

Classroom instruction is combined with hands-on operation of our new CNC 3-axis milling and turning machines. You will gain knowledge and machining experience required to be successful in the field.

Program Learning Outcomes

1. Apply basic manufacturing shop math principles and formulas to machining problems.
2. Apply safety techniques to ensure a safe working environment while following industrial safety standards in the CNC lab
3. Interpret technical drawings and identify symbols on a blue print.
4. Demonstrate basic skills on a CNC machine to include set-up and squaring a block of metal.
5. Demonstrate the competencies of a certified production technician (MSSC- CPT).
6. Create simple 2D objects with numerical dimensions and geometries.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Curriculum

First Semester

- BMM 101 - Key Principles of Manufacturing **3 credit(s)**
- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 175 - CNC Machining **3 credit(s)**

Second Semester

- BMM 110 - Technology in Advanced Manufacturing **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**

Total Credits in the Program: 18

Bookkeeping Certificate

In this 19 credit certificate program, students will be introduced to the fundamentals of accounting and bookkeeping, including working with ledgers, journals, financial statements, inventory accounting, and other vital skills. Students in this certificate program will choose one general business-related elective to deepen their understanding of other aspects of business that

they may encounter as bookkeepers. Students will also be exposed to the software used in the industry. Students will be prepared to sit for certification exams in QuickBooks at the completion of the certificate. This certificate can be completed on ground or online.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply generally accepted accounting principles (GAAP) to maintain accurate financial records.
2. Analyze and record financial transactions in both manual and computerized general ledger systems.
3. Prepare accurate financial statements, schedules, and reports, and conducting analyses to determine financial impacts on an organization.
4. Utilize accounting software, such as QuickBooks, to perform bookkeeping tasks and generate financial reports.
5. Compile and maintain complex payroll data, understanding tax obligations, and ensuring compliance with federal, state, and company policies.
6. Recognize ethical issues in the accounting profession and explain the importance of responsible financial practices.

Graduation Requirements

Students must complete all of the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Curriculum

First Semester

- ACC 101 - Principles of Accounting I **3 credit(s)**
- BUS 1XX - Directed Elective **3 credit(s)**
- ACC 235 - Accounting Information Systems **3 credit(s)**

Second Semester

- ACC 210 - Principles of Accounting II **3 credit(s)**
- ACC 220 - Managerial Accounting **3 credit(s)**
- ACC 299 - Accounting Capstone **4 credit(s)**

Total Credits in the Program: 19

Business Startup Certificate

In this 18 credit certificate, students will receive the fundamentals of taking a business from idea to launch. Students will explore basic accounting and bookkeeping skills needed to run their own business as well as to oversee professionals they may use to help maintain financial records. Students will explore management and their management style. They will learn about incorporation types, contract review and partnership agreements in a business law class. They will learn to review a lease and assess a property. They will be provided guidance on marketing and they will complete a business plan. Students electing into this certificate, need to have completed ENG 101 or equivalent.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Implement basic accounting practices to manage financial records effectively.
2. Utilize effective marketing strategies to promote products or services.
3. Differentiate the various tax responsibilities associated with starting a business.
4. Evaluate funding options to finance a business.
5. Develop techniques to effectively motivate and manage employees.

Graduation Requirements

Students must complete all general graduation requirements as stated in the catalog.

Curriculum

First Semester

- BUS 101 - Introduction to Management **3 credit(s)**
- BUS 121 - Personal Finance and Insurance **3 credit(s)**
- BUS 215 - Marketing **3 credit(s)**

Second Semester

- ACC 1XX - Accounting Elective **3 credit(s)**
- BUS 110 - Business Law and Ethics **3 credit(s)**
- BUS 150 - Small Business and Entrepreneurship **3 credit(s)**

Total Credits in the Program: 18

CNC Machining, Metrology, and Manufacturing Technology Certificate

This 37-credit certificate program is designed to introduce and prepare students to enter the manufacturing workforce as skilled CNC operators while understanding the holistic process of design, machining, and quality systems. Students in this program develop the technical skills and materials knowledge to be an effective member of a manufacturing team. The full-time program is completed in 22 1/2 weeks. The three-quarter time program is run in the evening over four semesters. Participants are introduced to the concepts of production and its relationships to the local and global economy; lean manufacturing principles and essential information on material properties and behaviors. Additionally, students develop competencies in mathematics, hands-on CNC machining, geometric dimensioning and tolerancing and metrology courses. Further competencies are gained through design of multi-dimensional parts with computer-aided manufacturing CAM software. The 37 credits earned for this certificate may also be used toward the fulfillment of the requirements of the AS degree in CNC Machining or the AS degree in Quality Management Systems, and the BS Degree in Manufacturing Management. Lab sessions are coordinated with the classroom instruction to emphasize experimentation and application.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply basic manufacturing shop math principles and formulas to machining problems.
2. Apply teamwork practices and safety techniques to ensure a safe working environment while following industrial safety standards in the CNC lab.
3. Interpret technical drawings and identify symbols on a blue print.
4. Demonstrate basic and advanced skills on a CNC machine.
5. Create simple 2D objects with numerical dimensions and geometries in Mastercam.
6. Write basic program code for a coordinate measurement machine (CMM) and operate a CMM.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the major.

Full-Time Day Program Curriculum

First MOD

- BMM 100 - Introduction to Manufacturing **3 credit(s)**
- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**

- BMM 175 - CNC Machining **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**
- BMM 224 - Metrology and Calibration **3 credit(s)**

Second MOD

- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**
- BMM 275 - CNC Machining II **3 credit(s)**

Third MOD

- BMM 229 - Advanced Metrology and Calibration **4 credit(s)**
- BMM 241 - CAM II **3 credit(s)**
- BMM 276 - CNC Machining Applications **3 credit(s)**

Three Quarter Evening Program Curriculum

First Semester

- BMM 100 - Introduction to Manufacturing **3 credit(s)**
- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**

Second Semester

- BMM 175 - CNC Machining **3 credit(s)**
- BMM 224 - Metrology and Calibration **3 credit(s)**
- BMM 240 - CAM I **3 credit(s)**

Third Semester

- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- BMM 241 - CAM II **3 credit(s)**
- BMM 275 - CNC Machining II **3 credit(s)**

Fourth Semester

- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**
- BMM 229 - Advanced Metrology and Calibration **4 credit(s)**
- BMM 276 - CNC Machining Applications **3 credit(s)**

Total Credits in the Program: 37

Computer-Aided Design Technician Certificate

In this three semester, 18-credit Computer-Aided Design Technician certificate program, students will use SolidWorks in conjunction with blueprints to create 3D models of parts, and will use Mastercam and blueprints for creating models and G-code for use on CNC machines. Areas of focus of the program include reading and understanding blueprints, creating 3D models in SolidWorks and Mastercam, and creating measurement routines with PC-DMIS.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Create simple CAD drawings using Solidworks or other design software.
2. Construct detailed blueprints and 3D models.
3. Develop skills in creating CAM programming for the creation of G code
4. Interpret and construct technical documents for mechanical and electrical processes.
5. Write basic program code for a coordinate measurement machine (CMM) and operate a CMM.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog, Students must maintain a GPA of 2.3 or higher in the coursework.

First Semester

- BMM 240 - CAM I **3 credit(s)**
- BMM 222 - Technical Drawings and Specifications **3 credit(s)**

Second Semester

- BMM 241 - CAM II **3 credit(s)**
- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**

Third Semester

- BMM 191 - Advanced SolidWorks **3 credit(s)**
- BMM 293 - CMM Programming **3 credit(s)**

Total Credits in the Certificate: 18

Industrial Service Technician Certificate

In this three semester, part-time, 18-credit Industrial Service Technician certificate program, students will learn how to install, troubleshoot, repair, and maintain complex mechanical and electrical industrial equipment. Students will learn how to ensure a safe, fast-paced manufacturing work environment and will be able to troubleshoot and identify any issues with machines and equipment as well as conduct and properly log repairs on the job. Areas of focus include basic electrical, hydraulic, and pneumatic functions and how they integrate with mechanical drives and the properties of motion in an object. Participants are introduced to computer aided design (CAD) through SolidWorks.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply basic manufacturing shop math principles and formulas to shop problems.
2. Implement preventive and predictive maintenance processes and operations.
3. Use common hand tools and electronic test equipment for basic troubleshooting and maintenance of mechanical equipment.
4. Apply safety techniques to ensure a safe working environment while following industrial safety standards.
5. Create detailed 3D drawings in CAD for blueprints and schematics.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 or higher in the coursework.

First Semester

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**

Second Semester

- BMM 181 - Introduction to Mechatronics **3 credit(s)**
- BMM 183 - Basic Electrical **3 credit(s)**

Third Semester

- BMM 185 - Hydraulics and Pneumatics **3 credit(s)**
- BMM 187 - Mechanical Drives and Kinematics **3 credit(s)**

Total Credits in the Certificate: 18

Manufacturing and Logistics Certificate

Enrollment into this certificate is by Departmental Permission only.

In this 18-credit Manufacturing and Logistics certificate, students will explore the exciting fields of modern manufacturing, warehousing and distribution, and be introduced to the concepts of logistics and supply chain and their relationship to local and global economies.

Students will learn the basic principles and practices of a safe and productive manufacturing environment, as well as the principles of planning, production, and product distribution. Elements to be covered include understanding the product life cycle from conception through distribution. Other topics include inventory control, protective packaging, and customer service. Students will learn various aspects of warehouse operations management, including bar coding, radio frequency identification (RFID), Kanban, Just-In-Time (JIT) manufacturing, inventory replenishments, and use of third-party logistics.

Students will learn the effective process planning that goes into product distribution and transportation, as well as management techniques including analysis of warehouse locations, operations, and management. Classroom instruction combines hands-on use and operation of logistics equipment - knowledge that is essential to success in the logistics field.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate the competencies of a certified logistics technician (MSSC- Logistics)
2. Explain the process for managing materials in the manufacturing process.
3. Explain the flow of material using lean principles, operational flow strategies, value stream mapping, inventory control, and materials requirements planning (MRP).
4. Describe the operations of supply chain and warehouse distribution networks
5. Explain transportation strategies to manage domestic and international distribution.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Curriculum

First Semester

- BMM 100 - Introduction to Manufacturing **3 credit(s)**
- BMM 126 - Introduction to Material and Logistics Management **3 credit(s)**

Second Semester

- BMM 125 - Manufacturing Logistics **3 credit(s)**
- BMM 221 - Warehouse and Distribution Center Management **3 credit(s)**

Third Semester

- BMM 225 - Transportation Traffic and Contract Management **3 credit(s)**
- BMM 227 - Lean Supply Chain and Logistics Management **3 credit(s)**

Total Credits in the Program: 18

Mechatronics Certificate

In our two semester, fulltime, 36-credit Mechatronics certificate program, students will combine mechanical, electrical, computer, and software skills to prepare for positions operating and maintaining the electro-mechanical, computer-controlled systems commonly found in automated manufacturing environments. The Mechatronics program is designed so participants may rotate between practice (workplace) and theory (classroom) throughout the program.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply basic manufacturing shop math principles and formulas to shop problems.
2. Implement preventive and predictive maintenance processes and operations.
3. Use common hand tools and electronic test equipment for basic troubleshooting and maintenance of mechanical equipment.
4. Apply safety techniques to ensure a safe working environment while following industrial safety standards.
5. Interpret and construct technical documents for mechanical and electrical processes.
6. Create detailed 3D drawings in CAD for blueprints and schematics.
7. Explain the process of automation and the equipment involved in its operation.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Full-Time Two Semester Program Curriculum

Mod 1

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 181 - Introduction to Mechatronics **3 credit(s)**
- BMM 183 - Basic Electrical **3 credit(s)**

Mod 2

- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**
- BMM 185 - Hydraulics and Pneumatics **3 credit(s)**
- BMM 187 - Mechanical Drives and Kinematics **3 credit(s)**

Mod 3

- BMM 189 - Electrical Schematics **3 credit(s)**
- BMM 287 - Industrial Robotics **3 credit(s)**
- BMM 281 - Motor Control **3 credit(s)**

Mod 4

- BMM 283 - Programmable Controllers **3 credit(s)**
- BMM 285 - Industrial Electrical Maintenance **3 credit(s)**
- BMM 289 - Machining and Pipe Fabrication **3 credit(s)**

Part-Time One Year Program Curriculum

(Reserved for Industry Incumbent Workers ONLY)

Mod 1

- BMM 181 - Introduction to Mechatronics **3 credit(s)**
- BMM 183 - Basic Electrical **3 credit(s)**

Mod 2

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**

Mod 3

- BMM 185 - Hydraulics and Pneumatics **3 credit(s)**

- BMM 187 - Mechanical Drives and Kinematics **3 credit(s)**

Mod 4

- BMM 189 - Electrical Schematics **3 credit(s)**
- BMM 281 - Motor Control **3 credit(s)**

Mod 5

- BMM 287 - Industrial Robotics **3 credit(s)**
- BMM 283 - Programmable Controllers **3 credit(s)**

Mod 6

- BMM 285 - Industrial Electrical Maintenance **3 credit(s)**
- BMM 289 - Machining and Pipe Fabrication **3 credit(s)**

Total Credits in the Program: 36

Quality and Manufacturing Inspections Certificate

Enrollment into this certificate is by Departmental Permission only.

In this 19-credit Quality and Manufacturing Inspections certificate program, students learn about critical quality assurance and inspections in 21st century modern manufacturing. Students will begin by learning basic industry skills in order to receive nationally recognized credentials in safety, quality, production processes, and maintenance awareness. Students then study quality management and inspection techniques, engineering drawing interpretation, and lean manufacturing concepts. Students also develop skills related to measurement and test equipment.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply lean tools to manage inventory, production process and quality to meet financial and supplier requirements.
2. Establish quality assurance processes to meet quality audits.
3. Demonstrate basic inspection tool skills.
4. Demonstrate competency in quality theory and practice.
5. Assess and evaluate the relationship between quality and supplier management.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Curriculum

First Semester

- BMM 222 - Technical Drawings and Specifications **3 credit(s)**
- BMM 224 - Metrology and Calibration **3 credit(s)**

Second Semester

- BMM 210 - Lean Manufacturing Principles **3 credit(s)**
- BMM 220 - Materials and Processes in Manufacturing **3 credit(s)**

Third Semester

- BMM 229 - Advanced Metrology and Calibration **4 credit(s)**
- BMM 235 - Layout Inspection **3 credit(s)**

Total Credits in the Program: 19

Robotics and Automation Technician Certificate

In this three semester, 24-credit Robotics and Automation Technician Certificate program, students will be introduced to robotics and automation concepts used in manufacturing, supply chain, and retail operations. Students will learn the basic concepts for maintaining, troubleshooting, and programming automated systems that include hydraulic, pneumatic, and electrical systems, and how they work to create an automated or robotic system. Understanding motor controls and programmable controls (PLC) as they relate to the automated process is essential. Participants are introduced to computer-aided design (CAD), industrial robots, and programming for robotic and automated systems.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Explain the process of automation and the equipment involved in its operation.
2. Program basic automated digital; and mechanical systems.
3. Apply basic manufacturing shop math principles and formulas to automation problems.
4. Implement preventive and predictive maintenance processes and operations for robotic and automation equipment.
5. Complete troubleshooting on automated and robotic equipment.

6. Apply safety techniques to ensure a safe working environment while following industrial safety standards.
7. Read and construct technical documents for robotic and automated processes.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 or higher in the coursework.

First Semester

- BMM 140 - Principles in Manufacturing Mathematics **3 credit(s)**
- BMM 183 - Basic Electrical **3 credit(s)**
- BMM 190 - Computer Aided Design (CAD) **3 credit(s)**

Second Semester

- BMM 189 - Electrical Schematics **3 credit(s)**
- BMM 281 - Motor Control **3 credit(s)**
- BMM 283 - Programmable Controllers **3 credit(s)**

Third Semester

- BMM 287 - Industrial Robotics **3 credit(s)**
- BMM 291 - Robotics and Automation Programming **3 credit(s)**

Total Credits in the Certificate: 24

Welding Technology Certificate

This 24-credit certificate program is for the student whose intention is to pursue entry level employment in the field of welding after completing the program. The 24 credits earned for this certificate may also be used toward the fulfillment of the BS Degree in Manufacturing Management. Students are introduced to welding safety and fabrication using common welding processes including: shielded metal arc welding (SMAW), gas metal arc welding (GMAW/MIG), flux core arc welding (FCAW) Gas Tungsten Arc Welding (GTAW/TIG) and thermal cutting. State of the art equipment is used to create and weld complex parts using a CNC plasma cutter and variety of welding equipment.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate use of personal protective equipment (PPE) and industrial safety standards in welding and fabricating environments.
2. Interpret technical drawings.
3. Set-up and operate common hand and power tools, welding machines and thermal cutting equipment utilized in welding and fabrication operations.
4. Apply basic mathematics to solve problems encountered in metal-working.
5. Layout, fixture, and fabricate required weldments from technical drawings.
6. Demonstrate quality weld joints in required positions in all processes.
7. Evaluate welding and fabricating problems and recognize discontinuities, flaws, and defects in welding processes before taking corrective action to achieve the desired outcomes.

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must maintain a GPA of 2.3 in the coursework.

Curriculum

Full-time welding programs meet twice per week for six hours. Day courses are typically offered from 8am-3:30pm with a break and evening courses are typically offered from 3pm-9pm with a break.

First Semester

- BMM 151 - Welding Safety **3 credit(s)**
- BMM 153 - Welding Principles **3 credit(s)**
- BMM 155 - Welding Fabrication **3 credit(s)**
- BMM 157 - Thermal Cutting **3 credit(s)**

Second Semester

- BMM 252 - Introduction to Shielded Metal Arc Welding (SMAW) **3 credit(s)**
- BMM 254 - Introduction to Flux Core Arc Welding (FCAW) **3 credit(s)**
- BMM 256 - Introduction to Gas Tungsten Metal Arc Welding (GTAW) / Tungsten Inert Gas (TIG) **3 credit(s)**
- BMM 258 - Introduction to Gas Metal Arc Welding (GMAW) / Metal Insert Gas Welding (MIG) **3 credit(s)**

Total Credits in the Program: 24

Minor

Business Administration Minor

Business Administration studies the business competencies and knowledge needed to meet the challenges of a changing marketplace in a variety of industries. The skills and knowledge developed in this coursework equip students with an understanding of contemporary business and the best practices needed to achieve business success. Students are encouraged to work closely with their Advisors to design a Business Administration minor that fits their career and educational goals.

Curriculum

Required Courses

- 1XX Elective **3 credit(s) ***
- 2XX Elective **3 credit(s) ***
- 3XX Elective **3 credit(s) ***

- BUS 101 - Introduction to Management **3 credit(s)**
- ACC 101 - Principles of Accounting I **3 credit(s)**
  OR
- ACC 110 - Applied Accounting **3 credit(s)**

Note:

*Elective courses must be selected from Business Administration courses (ACC, BMM, BUS, ECN, or OS).

Total Credits in the Program: 15

School of Applied Liberal Arts and Social Sciences

School of Applied Liberal Arts and Social Sciences

Mission Statement

The School of Applied Liberal Arts and Social Sciences is committed to preparing dedicated, reflective, and responsive professionals who employ evidence-based practices in service to their

communities and society. We teach students to think critically and independently to further the development of their humanistic, intellectual, and technical capabilities so they can respond creatively, thoughtfully, and effectively in a globally interdependent world.

Master's

Teacher Leadership, M.Ed.

In our Master's of Education in Teacher Leadership program, you will learn how to apply the Universal Design for Learning (UDL) framework to proactively design capacity-building learning experiences. Within UDL, learner variability, whether visible or invisible, is seen as an asset. Based on cognitive neuroscience, UDL focuses on designing with variability in mind and removing barriers to learning by frontloading flexible options for engaging learners, teaching important concepts, and building goal-directed learners. In your coursework, you will experience the UDL framework firsthand as program faculty model the principles and actively engage you in applying UDL in your own practice.

This program is offered as a joint degree program with the University of Bridgeport.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Design capacity-building learning environments that are responsive to learner variability.
2. Apply evidence-based instructional practices to build expert learners.
3. Evaluate instructional programs to improve learner outcomes.
4. Analyze school policies and practices through social, cultural, political, and historical lenses.
5. Design evidence-based professional learning that supports excellence in teaching.
6. Apply reflective practice as a practitioner-researcher.

Admission Requirements

In addition to meeting the University requirements of all graduate program applications, students interested in the Master of Education (M.Ed.) in Teacher Leadership must also:

- Interview with the program director or faculty for admittance.
- Provide two strong recommendations highlighting excellence in the applicant's professional experience.

Graduation Requirements

Students enrolled in the M.Ed. program must maintain a cumulative GPA of at least 3.0 throughout their program of study. Students must retake any M.Ed. course for which they receive a grade of "C-" or lower, including LUE 640 (6 credits).

Curriculum

- LUE 601 - Social Foundations of Education **3 credit(s)**
- LUE 605 - Contemporary Issues in Urban Education **3 credit(s)**
- LUE 610 - Teacher Leadership Theory and Practice **3 credit(s)**
- LUE 615 - Curriculum Theory **3 credit(s)**
- LUE 620 - Effective Learning Environments **3 credit(s)**
- LUE 625 - Classroom-Based Assessment **3 credit(s)**
- LUE 630 - Instructional Coaching **3 credit(s)**
- LUE 635 - Leading Professional Learning **3 credit(s)**
- LUE 640 - Appreciative Inquiry Capstone **6 credit(s)**

Total Credits in the Program: 30

Credit for Prior Learning

Students who provide official documentation that they have successfully completed Connecticut's or another state's Alternative Route to Certification (ARC) will automatically receive 6 transfer credits toward their 30-credit degree program. All students who fall into this category are not required to take LUE 630 (3 credits) and LUE 635 (3 credits). ARC completers are required to take all other courses.

Graduate Certificate

Universal Instructional Design Graduate Academic Certificate

In this fully online, Universal Instructional Design graduate academic certificate, students will learn how to proactively apply the Universal Design for Learning (UDL) framework to create inclusive, accessible, and flexible learning experiences. Intentional application of UDL to your instructional design practice or to the (re)design of learning experiences can afford all learners not only equal access to content but also the same opportunities for success. The certificate curriculum provides hands-on experiences with applying the UDL framework to design learning experiences in different modalities including in-person, online, and hyflex.

This academic graduate certificate is suitable for pre-K-12 teachers, instructional coaches, higher education faculty, instructional designers, and professional developers in business and industry who are seeking to advance in their careers.

All courses are asynchronous online and must be taken in order as listed in the plan of study.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Select an instructional design model that is appropriate for their professional practice.
2. Apply the UDL framework throughout the instructional design process.
3. Create authentic learning experiences that are tailored to their professional practice.
4. Evaluate alignment among instructional components: (a) goals and learning outcomes, (b) learning assessments, (c) teaching methods, and (d) learning materials.

Graduation Requirements

Students must complete all general graduation requirements as stated in the catalog. Students must complete all courses with a minimum grade of "C" or higher.

Curriculum

First Semester

- UID 610 - Introduction to Universally Designed Learning Experiences **3 credit(s)**
- UID 625 - Assessment for Learning **3 credit(s)**

Second Semester

- UID 615 - Engagement for Learning **3 credit(s)**
- UID 620 - Instruction for Learning **3 credit(s)**

Total Credits in the Program: 12

Bachelor's

Human Services, B.S.

The Bachelor of Science in Human Services program is designed to prepare students for entry- and mid-level positions in a wide array of human services organizations. Coursework is designed around three primary areas: general education core, human services core, and electives.

General Education core courses help students develop broad skills specifically identified by employers throughout our region as being essential for success in the human services field. Those include writing, public speaking, ethics, and computer literacy, among others.

Human Services core courses help students develop competence in the broader areas of the human services profession, such as conducting intakes and assessments, interviewing and counseling, case management, and advocacy. These competencies are used by human services professionals in a wide array of careers and are generally applicable to the broad spectrum of human services positions.

Electives, chosen in conjunction with the advisor, enable the students to focus their degree on a specific area of interest within the profession. These include, among other areas: children and youth, disability studies, substance abuse, domestic violence, veterans service and services, rehabilitation, criminal justice and gerontology.

Early in their program, students will have exposure to the field through a 180-hour internship where they will apply their recent learning at a local human service organization and experience first-hand the day-to-day practices of human service professionals. During their senior year, students will participate in a capstone project.

Through our extensive connections to the regional human service community, we seek to assist students with selecting and applying for internships for their internship experience with organizations and agencies that most align with students' career goals.

Students earning a Bachelor of Science in Human Services degree are prepared to make a significant contribution to the human services workforce, the people they serve, and their community. Others may choose to continue their studies in a range of master's level programs including Human Services, Counseling, Social Work, Psychology, Rehabilitation, Youth Development, Gerontology, Criminal Justice, and Education among many others.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Create plans of action for improving service system outcomes.
2. Describe the function of government in human service organizations and role of public policy implications for practice.
3. Design person-centered, evidence-based, and strength-based approaches to service delivery that honor the individual's right to self-determination.
4. Apply relevant information resources to inform decision-making, service delivery models, tailored interventions, and advocacy for policy changes.
5. Apply evidence-based research methods to identify and address issues within human services systems.
6. Demonstrate professional, ethical, and culturally responsive standards in practice.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Human Services core courses and PHIL 105 with a minimum grade of "C" in each course and have a minimum cumulative GPA of 2.3.

Curriculum

General Education Core Requirements - 28 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- SCI 1XX - Science w/lab (SCI) **Credit(s): 4**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- PHIL 105 - Ethics, Values, and Cultural Competence in Practice **3 credit(s)**
- General Education Elective **Credit(s): 9**

Programmatic General Education Core Requirements - 12 Credits

- COM 105 - Interpersonal Communications **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- PSY 212 - Lifespan Development **3 credit(s)**
- ENG 3XX - English Elective **Credit(s): 3**

Human Services Major Core Requirements - 45 Credits

Freshman Year

- HSR 101 - Introduction to Human Services **3 credit(s)**
- HSR 105 - Community Organization and Advocacy **3 credit(s)**
- HSR 210 - Introduction to Research in Human Services **3 credit(s)**
- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**

Sophomore Year

- HSR 240 - Disability, Society, and the Individual **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**
- HSR 298 - Human Services Internship II **3 credit(s)**
- HSR 325 - Case Management: Principles and Practice **3 credit(s)**

Junior Year

- HSR 350 - Crisis Prevention and Intervention **3 credit(s)**
- PSY 350 - Cultural Psychology **3 credit(s)**
- HSR 335 - Social Policy in America **3 credit(s)**

OR

- SOC 335 - Social Policy in America **3 credit(s)**

Senior Year

- HSR 410 - Human Trafficking **3 credit(s)**
- PSY 420 - Research Methods **3 credit(s)**
- HSR 493 - Human Services Capstone I **3 credit(s)**
- HSR 494 - Human Services Capstone II **3 credit(s)**

Human Services Electives - 15 Credits

- DIRECTED Electives Credit(s): 15*

*Directed Elective credits may be taken from PSY, SOC, HSR, PBH, HSC, and BUS courses.

Electives - 21 Credits

- Open Electives **Credit(s): 21**

Total Credits in the Program: 121

Professional Studies, B.S.

The Bachelor of Science in Professional Studies (BSPS) is a flexible, career-focused, degree-completion program designed to foster both career advancement and new opportunities.

This program enables students to enhance their professional capabilities through the development of critical thinking, communication, research, and interpersonal skills.

Due to its customizable curriculum, students should work closely with their academic advisor to ensure all curriculum requirements are met.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Express ideas through various modes of communication.
2. Apply information literacy skills to further professional and personal growth.
3. Apply critical thinking to solve professional and personal problems.
4. Analyze global, social, political, and economic trends through the lens of Diversity, Equity, Inclusivity, and Social Justice.
5. Describe how identity, values, and diversity shape human experience.
6. Propose evidence-based solutions to problems of professional practice.
7. Evaluate ethical implications of professional and personal behavior.

8. Synthesize various forms of data to cultivate professional and personal growth.

Graduation Requirements

Students must complete all general graduation requirements as stated in the catalog. Students must complete the Professional Studies Capstone (PRO 495).

Curriculum

General Education Requirements - 40 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- ENG 3XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 4**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 15**

Programmatic General Education Requirements - 6 Credits

- COM 101 - Public Speaking **3 credit(s)**
  OR
- COM 105 - Interpersonal Communications **3 credit(s)**
- STAT 167 - Principles of Statistics **3 credit(s)**

Professional Studies Major Core Requirements - 33 Credits

- Courses in the student's designed major core (1XX or higher) **Credit(s): 27**
- PRO 495 - Professional Studies Capstone **3 credit(s)**
- PSY 420 - Research Methods **3 credit(s)**

Electives - 42 Credits

- 2XX - Elective **Credit(s): 21**
- 3XX - Elective **Credit(s): 21**

Total Credits in the Program: 121

Associate

General Studies, A.S.

The Associate in Science in General Studies (ASGS) is a flexible, career-focused, degree-completion program designed to provide students with the skills for entry-level positions or further education.

This program develops essential skills in communication, critical thinking, multicultural interaction, and research. Students can choose electives from various fields including health science, business, and human services.

Due to its customizable curriculum, students should work closely with their academic advisor to ensure all curriculum requirements are met.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Express ideas through various modes of communication.
2. Apply information literacy skills to further professional and personal growth.
3. Apply critical thinking to solve professional and personal problems.
4. Analyze global, social, political, and economic trends through the lens of Diversity, Equity, Inclusivity, and Social Justice.
5. Describe how identity, values, and diversity shape human experience.

Graduation Requirements

Students must complete all general graduation requirements as stated in the catalog.

Curriculum

General Education Core Requirements - 22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 4**
- Social Science (PSY or SOC) **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 3**

Programmatic General Education Requirements - 24 Credits

- COM 101 - Public Speaking **3 credit(s)**

OR

- COM 105 - Interpersonal Communications **3 credit(s)**
- HUM 1XX Humanities Electives **Credit(s): 6**
- HIS 1XX - History Elective **Credit(s): 3**
- General Education Elective (1XX) **Credit(s): 6**
- General Education Electives (2XX) **Credit(s): 6**

Open Electives - 15 Credits

- OPEN Elective (1XX) **Credit(s): 12**
- OPEN Elective (2XX) **Credit(s): 3**

Total Credits in the Program: 61

Human Services, A.S.

The Associate in Science in Human Services program prepares students for entry-level positions in the human services field or to pursue a baccalaureate degree. It is also an excellent program for people who are working in the human services field without a degree who seek advancement opportunities in their chosen career that require an associate degree.

The program is designed to help students develop the core competencies required for professionals in many human services organizations, including conducting intakes, performing assessments, interviewing, counseling, and case management. These and other courses, including electives, provide a foundation for students to be successful in a wide array of human service professions.

The culminating courses for students in the Associate in Science in Human Services program are two 90-hour internships where they will apply their learning at a local human service organization. These are in-depth experiences that are based on specific learning objectives developed in collaboration with the student, faculty and the cooperating human service organization. Through our extensive connections to the regional human service community, we seek to assist students with selecting and applying for internships for their internship experience with organizations and agencies that most align with students' career goals.

Students completing an Associate in Science in Human Services may choose to continue their studies in a range of baccalaureate programs including Human Services, Social Work, Psychology, Rehabilitation, Counseling, Youth Development, Gerontology, Criminal Justice, Recreation Therapy, and Education, among many others.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Practice ethical standards consistent with the human services field.
2. Explain how the history of human services shapes current policies and practices and provides a lens for predicting future trends.
3. Apply professional helping skills congruent with evidence-based, person-centered, and strength-based approaches to service delivery.
4. Employ macro-practice skills necessary for successful community organization and advocacy.
5. Employ critical thinking skills required to be an effective human services professional.
6. Apply written and verbal communication skills necessary for effective functioning as a human services professional.

Graduation Requirements

Students must complete all general graduation requirements as stated in the catalog. Students must complete all Human Services core courses and PHIL 105 with a minimum grade of "C" in each course and a minimum cumulative GPA of 2.3.

Curriculum

General Education Core Requirements - 22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **3 credit(s)**
- MATH 1XX - Mathematics (MATH) **3 credit(s)**
- SCI 1XX - Science Elective **4 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- PHIL 105 - Ethics, Values, and Cultural Competence in Practice **3 credit(s)**
- General Education Elective **3 credit(s)**

Programmatic General Education Core Requirements - 9 Credits

- COM 105 - Interpersonal Communications **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- PSY 212 - Lifespan Development **3 credit(s)**

Human Services Major Core Requirements - 21 Credits

Freshman Year

- HSR 101 - Introduction to Human Services **3 credit(s)**
- HSR 105 - Community Organization and Advocacy **3 credit(s)**

Sophomore Year

- HSR 210 - Introduction to Research in Human Services **3 credit(s)**
- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**
- HSR 240 - Disability, Society, and the Individual **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**
- HSR 298 - Human Services Internship II **3 credit(s)**

Human Services Electives - 9 Credits

- Directed Electives **9 credit(s)**

*Directed Elective credits may be taken from PSY, SOC, HSR, PBH, HSC, and BUS courses.

Total Credits in the Program: 61

Certificate

Addiction Counseling Certificate

The 18-credit undergraduate academic certificate pathway program is for people interested in working with individuals and families affected by substance use disorders. The curriculum covers all the necessary educational requirements to be able to apply to take the exam to become a Certified Addiction Counselor. The Connecticut Certification Board (CCB) administers the alcohol and drug counseling (ADC) exam and grants the certification. The CCB also requires the completion of between 3,000 and 6,000 substance use disorder work experience hours in order to obtain certification; the number of hours required is dependent on the individual's degree level.

The academic certificate coursework also includes the required 300 hours of supervised fieldwork through which students build competencies for promoting and guiding recovery from substance use disorders. The fieldwork supervisor must be an active AADC, CAC, CCS, CCDP, SCCS, or LADC. The fieldwork must be specific to substance use disorders. No less than 10 hours of fieldwork must be completed in each performance domain as specified in the Requirements for the Certified Additional Counselor credential.

This academic certificate program can be completed as a stand-alone certificate, without matriculating into a degree program.

By taking the electives specified in the plan of study, the certificate can be completed as part of the human service's bachelor's degree.

Program Learning Outcomes

Upon successful completion of all certificate requirements, students will be able to:

1. Explain the physiological, psychological, and social factors that contribute to substance use disorders.

2. Apply evidence-based techniques to promote and guide recovery from substance use disorders.
3. Implement person-centered, strengths-based treatment plans inclusive of documenting, monitoring, and adapting based on an individual's goals, needs, and preferences.
4. Apply ethical standards consistent with the Connecticut Certification Board Code of Ethical Conduct.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must complete all programmatic courses with a minimum grade of "C" or higher.

Curriculum

First Semester

- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**

Second Semester

- HSR 235 - Introduction to Substance Use and Co-Occurring Disorders **3 credit(s)**
  OR
- PSY 235 - Introduction to Substance Use and Co-Occurring Disorders **3 credit(s)**

- HSR 298 - Human Services Internship II **3 credit(s)**

Third Semester

- PSY 215 - Abnormal Psychology **3 credit(s)**
- HSR 493 - Human Services Capstone I **3 credit(s)**

Total Credits in the Program: 18

Violence Intervention and Advocacy Certificate

This 18-credit undergraduate academic certificate provides students with an understanding of the nature and form of crises and trauma across a diversity of situations and how to address the sequel from these events. Emphasis is placed on applying evidence-based, culturally appropriate approaches for supporting individuals and families with deescalating these events and developing productive coping skills.

This certificate program can be completed by the student without matriculating in a degree program. By taking the electives specified in the plan of study, the certificate can be completed in conjunction with the AS in Human Services degree.

Program Learning Outcomes

Upon successful completion of all program requirements, students will be able to:

1. Describe current crisis theories, principles, and practices;
2. Assess crises situations to determine best fit, evidence-based interventions for assisting individuals and families;
3. Develop evidence-based, culturally appropriate intervention strategies aligned to the nature of the crises and those in need; and
4. Apply trauma-informed case management practices that are strengths-based and person-centered.

Graduation Requirements

Students must complete all graduation requirements as stated in the catalog. Students must complete all programmatic courses with a minimum grade of "C" or higher.

Curriculum

- HSR 105 - Community Organization and Advocacy **3 credit(s)**
- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**
- HSR 410 - Human Trafficking **3 credit(s)**
- HSR 325 - Case Management: Principles and Practice **3 credit(s)**
- HSR 350 - Crisis Prevention and Intervention **3 credit(s)**

Total Credits in the Program: 18

Minor

English Minor

A minor in English enhances graduates' employability and can complement plans of study for Bachelor of Science degrees at Goodwin University. Students who minor in English gain knowledge and skills in rhetoric, composition, and standard language conventions. Students must complete 15 credits of the English courses offered at Goodwin University. Of the 15 credits, a minimum of 6 credits must be at a 200-level or higher, and a minimum of 3 credits must be at a

300-level or higher. Students should work closely with their advisors to select and design a course of study that fits with their educational and career goals.

Psychology Minor

A minor in Psychology enhances graduates' employability and can complement plans of study for Bachelor of Science degrees in business, nursing, health science, human services, and related fields. Students who minor in Psychology gain knowledge and skills in human behavior and mental processes. Students must complete 15 credits of the Psychology courses offered at Goodwin University. Of the 15 credits, a minimum of 6 credits must be at a 200-level or higher and a minimum of 3 credits must be at a 300-level or higher. Students should work closely with their advisors to select and design a course of study that fits with their educational and career goals.

School of Nursing and Health Professions

School of Nursing and Health Professions

Mission Statement

The School of Nursing and Health Professions seeks to provide students with state of the art preparation for careers in healthcare and science-based disciplines. The mission of the School of Nursing and Health Professions will infuse an appreciation for lifelong learning in all students, resulting in excellence in healthcare and improved quality of life for those we serve.

Master's

Master of Public Health

The Master of Public Health (MPH) degree program is offered 100% online and is designed to prepare public health practitioners for complex local, national, and global issues in contemporary public health. The objective is to promote equity, inquiry, health, and well-being, as well as develop thoughtful leaders by providing a relevant and innovative competency-based curriculum. There are three concentrations in the MPH program;

- Global Health
- Community Health
- Health Policy and Management

The program consists of 42 semester credit hours; 33 core credits and 9 concentration credits and can be completed in 15 months by taking courses in an accelerated 7-week format.

Program Learning Outcomes

To reach our goals in research, education, and service, we articulate a set of measurable objectives. We assess performance on these measures based on activities at all levels of organization of our academic and professional operations.

Upon successful completion of all program requirements, graduates will be able to:

1. Develop a public health professional's understanding of global, national, regional, and local public health issues.
2. Apply epidemiologic methods to analyze patterns of disease and discuss applications to control health discrepancies.
3. Understand the relationship between biological, physical, and chemical environmental factors that affect human health.
4. Apply public health principles of leadership and program management in the accessibility, quality, and health care cost analysis for individuals and populations.
5. Identify behavioral, social, and cultural factors that influence individual and group health and contribute to health disparities.

Admission Requirements

In addition to meeting the University's requirements of all graduate program applications, students interested in the Master of Public Health must also:

- Complete a graduate application for admission.
- Submit an official transcript verifying receipt of a bachelor's degree from a college or university accredited by an accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) or the equivalent of this degree from another country with a cumulative GPA of at least 2.5.

Students with a cumulative GPA of 2.5 or lower must interview with the MPH Director or Associate Director before admittance. If admitted, they will be conditionally admitted into the program under the following conditions:

- Meet with Academic Advisor once a month.
- Maintain a 3.0 in the first semester.

Graduation Requirements

To successfully complete the master's in Public Health program, students must:

1. Complete all MPH program courses with a "C" or higher.
2. Have a minimum cumulative GPA of 3.0.

Curriculum requirements - 42 credits

MPH major core requirements - 33 credits

- MPH 501 - Introduction to Public Health **3 credit(s)**
- MPH 502 - Principles of Epidemiology **3 credit(s)**
- MPH 503 - Biostatistics **3 credit(s)**
- MPH 504 - Public Health Policy **3 credit(s)**
- MPH 505 - Research Methods **3 credit(s)**
- MPH 506 - Social and Behavioral Aspects of Health **3 credit(s)**
- MPH 507 - Introduction to Environmental Health **3 credit(s)**
- MPH 560 - Global Public Health **3 credit(s)**
- MPH 510 - Emergency Management Health Issues **3 credit(s)**
- MPH 512 - Infectious Disease Epidemiology **3 credit(s)**
- MPH 561 - Applied Practical Experience **1 credit(s)**
- MPH 562 - Integrative Learning Experience **2 credit(s)**

Concentration requirements - 9 credits

Select one concentration to complete the MPH.

- Community Health
- Global Health
- Health Policy and Management

Nursing, M.S.

The Master of Science in Nursing (MSN) degree may be achieved through a 30-credit Population Health/Leadership track, a 47-credit Family Nurse Practitioner (FNP) track, or a 50-credit Psychiatric Mental Health Nurse Practitioner track. The Population Health/Leadership track includes a 90-hour clinical mentorship experience. The FNP and PMHNP tracks include 600 clinical hours and on-campus Immersion Experiences to facilitate competency-based learning. All three tracks will prepare the individual for leadership positions within the healthcare system and within the scope of relevant practice.

Program Learning Outcomes

Graduates of the MSN Program will demonstrate mastery of the AACN (2021) Competencies and level-2 sub-competencies within the Ten Domains for Nursing across the Four Spheres of Care, leading to the achievement of the following MSN End-of-Program Outcomes:

1. Demonstrate the integration, translation, and application of established and evolving knowledge from basic science, disciplinary nursing knowledge, ways of knowing, and knowledge from other disciplines. Domain 1
2. Provide person-centered care across the lifespan at the advanced nursing level within and across healthcare systems for diverse patients, communities, or populations, including family and/or important others. Domain 2, 3, 9
3. Manage population health through community partnerships and cost-effective and equitable practices to improve primary prevention and disease management for diverse populations. Domains 3, 6, 9, 10
4. Apply relevant evidence-based knowledge and innovative healthcare strategies with a collaborative approach to improve and transform health care. Domains 1, 4, 5, 6, 7, 10
5. Employ established and emerging principles of safety and improvement science to minimize the risk of harm and improve outcomes for patients, communities, and populations. Domains 1, 2, 3, 5, 7,8
6. Collaborate with intention across professions and with care team members, patients, families, communities, and other stakeholders to optimize care, enhance the healthcare experience, and strengthen outcomes. Domains 2, 6, 7
7. Lead within complex health care systems to provide safe, quality, and equitable care to diverse populations. Domains 2, 3, 5, 6, 7, 8, 9, 10
8. Utilize information and communication technologies and informatics processes to manage and improve the delivery of safe, high-quality, and efficient healthcare services in accordance with best practices and professional and regulatory standards. Domains 1, 2, 4, 5, 7, 8, 9, 10
9. Cultivate a sustainable professional nursing identity at an advanced level that includes self-reflective practice, health care policy advocacy, accountability, collaborative disposition, and ethical comportment that reflects nursing's characteristics and standards of care. Domains 6, 9, 10
10. Expand leadership skills and commitment to activities that foster personal health, resilience, lifelong learning, and nursing expertise. Domains 9, 10

MSN Bridge Pathway

All applicants without a BSN degree must take the MSN Bridge courses. If students have taken equivalent coursework in their other bachelor's degree, they may be waived from corresponding course(s) in the bridge. There may be up to five required courses, students may require two semesters to complete, prior to the semester the cohort begins. Students will also apply to the MSN track they are interested in, those meeting the criteria, will be conditionally accepted, pending successful completion of the required courses. The university reserves the right to determine the number of bridge students to be accepted into each cohort.

REQUIRED BRIDGE COURSEWORK (Note courses may be transferred in from prior bachelor's degree if equivalent)

- STAT 167 - Principles of Statistics

- NUR 312 - Health Assessment
- NUR 353 - Introduction to Nursing Research
- NUR 364 - Public and Community Health Nursing
- NUR 456 - Nursing Leadership

Accepted Students

- Students must submit a medical examination report by a health care provider which describes the student's physical and emotional health.
- All required immunizations must be completed before the start of the first Nursing course excluding the Hepatitis B vaccine series which may be in progress.
- A declination or approved medical exemption may be permitted for the Hepatitis B, Influenza, COVID-19, and Tdap vaccinations. However, students should be aware that clinical agencies maintain their own immunization and health clearance requirements. Failure to meet a clinical site's vaccination requirements may limit clinical placement opportunities and could delay or otherwise impact progression and successful completion of the program.
- Students are required to become certified in Cardio-Pulmonary Resuscitation (Health Provider or Professional Rescuer) by the American Heart Association or the Red Cross before entering the Nursing program and must maintain certification throughout the nursing program.
- Students must submit to a background check and drug screening. Program fees cover the cost of both tests.
    - If the drug screen result is "negative dilute," the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by a physician, will prevent the student from entering the program.
    - Students will be notified if the background check reveals any criminal record that might interfere with future licensure. In the event that the results impact placement into a clinical facility students will be notified. See the MSN student handbook for additional information.
- Students must secure one or more approved clinical site placements for each of their final three clinical semesters in order to progress in the program. Students are required to actively participate in identifying potential clinical sites, with support and guidance provided by the nursing office. Some students may elect to use a third-party placement service at their own expense.
- Student's must maintain professional liability insurance. Students in nurse practitioner tracks FNP and PMNP must maintain specific coverage as nurse practitioner students to be eligible to go into the clinical setting.
- Students who are not in compliance with clinical requirements will be prohibited from attending clinical experiences until all requirements are satisfied. Time missed from clinical due to noncompliance may delay course completion, progression in the program, and graduation.

Admission Requirements

In addition to meeting the University's requirements of all graduate program applications, students interested in the Master of Science in Nursing program (MSN) must also:

- Provide a current, unencumbered RN license.
- Have a BSN.
- Have a minimum of two or more years of direct patient care RN experience (obtained within the last five years).
- Complete a college-level statistics course with a grade of C or higher.
- Write a formal 800-1000 word personal statement of his/her nursing career goals focused on the track applying for.
- Provide two letters of recommendation.
- Pass a background check and drug screening.
- Be able to travel a significant distance to clinical sites, if necessary.

Graduation Requirement

Graduate students must earn a minimum cumulative GPA of 3.0 and successfully complete all required clinical hours.

Curriculum Requirements

MSN Core Requirements - 18 Credits

- MSN 500 - Theoretical Basis for Advanced Nursing Practice and Leadership **3 credit(s)**
- MSN 505 - Pathophysiology for Advanced Nursing Practice **3 credit(s)**
- MSN 510 - Pharmacology for Advanced Nursing Practice **3 credit(s)**
- MSN 540 - Physical Assessment for Advanced Nursing Practice **3 credit(s)**
- MSN 610 - Seminar in Nursing Research **3 credit(s)**
- MSN 620 - Policy, Politics, and Organization of Healthcare **3 credit(s)**

Track Requirements - 12-32 Credits *

Students will select one of the following tracks to complete the Master's in Nursing program.

- Population Health/Leadership Track - 12 Credits
- Family Nurse Practitioner Track - 29 Credits
- Psychiatric Mental Health Practitioner Track - 32 Credits

*Credits are dependent on track selected.

Total Credits in the Program: 30 - 50*

*Total credits are dependent on track selected.

Graduate Certificate

Family Nurse Practitioner (FNP) Graduate Certificate

The Family Nurse Practitioner certificate program (FNP) is a 29-credit program developed to provide advanced practice education in nursing with a specialty focus on the delivery of primary health care to all populations within the family continuum. In this certificate program students will be introduced to leadership, theory, current nursing concepts, and professional practices. Core areas of study will include pathophysiology, pharmacology, physical assessment, advanced reasoning and differential diagnoses, and the policy and politics of healthcare. The certificate program includes three distinct FNP courses focused on primary healthcare of the adult, women and children and the complex adult. The program is offered in an online format in order to accommodate the schedules of nurses in the workforce. Participants will acquire 600 precepted clinical hours. Additional clinical experiences will include two immersion weekends on-campus to facilitate the students' ability to experience and demonstrate hands-on learning, simulation, and validation of advanced practice nursing skills.

Program Learning Outcomes

Graduates of the certificate program will demonstrate mastery of the AACN (2021) Competencies and level-2 sub-competencies within the Ten Domains for Nursing across the Four Spheres of Care, leading to the achievement of the following end-of-program outcomes:

1. Demonstrate the integration, translation, and application of established and evolving knowledge from basic science, disciplinary nursing knowledge, ways of knowing, and knowledge from other disciplines. Domain 1
2. Provide person-centered care across the lifespan at the advanced nursing level within and across healthcare systems for diverse patients, communities, or populations, including family and/or important others. Domain 2, 3, 9
3. Manage population health through community partnerships and cost-effective and equitable practices to improve primary prevention and disease management for diverse populations. Domains 3, 6, 9, 10
4. Apply relevant evidence-based knowledge and innovative healthcare strategies with a collaborative approach to improve and transform health care. Domains 1, 4, 5, 6, 7, 10
5. Employ established and emerging principles of safety and improvement science to minimize the risk of harm and improve outcomes for patients, communities, and populations. Domains 1, 2, 3, 5, 7,8
6. Collaborate with intention across professions and with care team members, patients, families, communities, and other stakeholders to optimize care, enhance the healthcare experience, and strengthen outcomes. Domains 2, 6, 7

7. Lead within complex health care systems to provide safe, quality, and equitable care to diverse populations. Domains 2, 3, 5, 6, 7, 8, 9, 10
8. Utilize information and communication technologies and informatics processes to manage and improve the delivery of safe, high-quality, and efficient healthcare services in accordance with best practices and professional and regulatory standards. Domains 1, 2, 4, 5, 7, 8, 9, 10
9. Cultivate a sustainable professional nursing identity at an advanced level that includes self-reflective practice, health care policy advocacy, accountability, collaborative disposition, and ethical comportment that reflects nursing's characteristics and standards of care. Domains 6, 9, 10
10. Expand leadership skills and commitment to activities that foster personal health, resilience, lifelong learning, and nursing expertise. Domains 9, 10

Admissions Requirements

Students must complete the University's application requirements for all graduate programs. Students interested in the Family Nurse Practitioner (FNP) Graduate Certificate must also:

- Provide a current, unencumbered RN license
- Have an MSN from an accredited institution
- Have a minimum of two or more years of direct patient care RN experience (obtained within the last five years).
- Have completed a college-level statistics course and college-level research course with a grade of C or higher.
- Provide two letters of recommendation.
- Be able to travel significant distances to clinical sites, if necessary.

Students must have completed the following prerequisite courses or equivalent from Goodwin University or another accredited institution.

Course Code	Title	Credits
MSN 500	Theoretical Basis for Advanced Nursing Practice and Leadership	3
MSN 505	Pathophysiology for Advanced Nursing Practice	3
MSN 510	Pharmacology for Advanced Nursing Practice	3
MSN 540	Physical Assessment for Advanced Nursing Practice	3
MSN 610	Seminar in Nursing Research	3
MSN 620	Policy, Politics, and Organization of Healthcare	3

Accepted Students

- Students must submit a medical examination report by a health care provider which describes the student's physical and emotional health.
- All required immunizations must be completed before the start of the first Nursing course excluding the Hepatitis B vaccine series which may be in progress.
- A declination or approved medical exemption may be permitted for the Hepatitis B, Influenza, COVID-19, and Tdap vaccinations. However, students should be aware that clinical agencies maintain their own immunization and health clearance requirements. Failure to meet a clinical site's vaccination requirements may limit clinical placement opportunities and could delay or otherwise impact progression and successful completion of the program.
- Students are required to become certified in Cardio-Pulmonary Resuscitation (Health Provider or Professional Rescuer) by the American Heart Association or the Red Cross before entering the Nursing program and must maintain certification throughout the nursing program.
- Students must submit to a background check and drug screening. Program fees cover the cost of both tests.
    - If the drug screen result is "negative dilute," the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by a physician, will prevent the student from entering the program.
    - Students will be notified if the background check reveals any criminal record that might interfere with future licensure. In the event that the results impact placement into a clinical facility students will be notified. See the MSN student handbook for additional information.
- Students must secure one or more approved clinical site placements for each of their final three clinical semesters in order to progress in the program. Students are required to actively participate in identifying potential clinical sites, with support and guidance provided by the nursing office. Some students may elect to use a third-party placement service at their own expense.
- Student's must maintain professional liability insurance. Students in nurse practitioner tracks FNP and PMNP must maintain specific coverage as nurse practitioner students to be eligible to go into the clinical setting.
- Students who are not in compliance with clinical requirements will be prohibited from attending clinical experiences until all requirements are satisfied. Time missed from clinical due to noncompliance may delay course completion, progression in the program, and graduation.

Graduation Requirements

Graduate students must earn a minimum cumulative GPA of 3.0 and successfully complete all required clinical hours.

Curriculum

Semester 1

- MSN 605 - Current Concepts and Professional Roles in Advanced Practice Nursing **3 credit(s)**
- MSN 650 - Advanced Reasoning and Differential Diagnosis for Advanced Nursing Practice **3 credit(s)**

Semester 2

- MSN 660 - FNP I Advanced Practice Through the Lifespan-Primary Care of The Adult Client **7 credit(s)**

Semester 3

- MSN 670 - FNP II Advanced Practice Through the Lifespan-Primary Care of The Complex Client **7 credit(s)**

Semester 4

- MSN 680 - FNP III Advanced Practice Through the Lifespan-Primary Care of The Pediatric and Women's Health Client **7 credit(s)**
- MSN 698 - Advanced Practice Capstone-Clinical Application on Population Health **3 credit(s)**

Total Credits in Program: 29

Psychiatric Nurse Practitioner (PMHNP) Graduate Certificate

Program Description

The Psychiatric Nurse Practitioner certificate program (PMHNP) is a 32-credit program developed to provide advanced practice education in nursing with a specialty focus on the delivery of psychiatric mental health care to all populations within the lifespan continuum. In this certificate program, students will be introduced to leadership, theory, current nursing concepts, and professional practices. Core areas of study will include pathophysiology, pharmacology, physical assessment, neuropsychopharmacology, assessment and diagnosis of mental health disorders, and the policy and politics of healthcare. The certificate program includes three distinct clinical courses focused on psychiatric mental health care of patients across the lifespan; children, adults and the complex adult. The program is offered in an online format in order to accommodate the schedules of nurses in the workforce. Participants will acquire 600 precepted clinical hours. Additional clinical experiences will include two immersion weekends on-campus

to facilitate the students' ability to experience and demonstrate hands-on learning, simulation and validation of advanced practice nursing skills.

Program Learning Outcomes

Graduates of the certificate program will demonstrate mastery of the AACN (2021) Competencies and level-2 sub-competencies within the Ten Domains for Nursing across the Four Spheres of Care, leading to the achievement of the following end-of-program outcomes:

1. Demonstrate the integration, translation, and application of established and evolving knowledge from basic science, disciplinary nursing knowledge, ways of knowing, and knowledge from other disciplines. Domain 1
2. Provide person-centered care across the lifespan at the advanced nursing level within and across healthcare systems for diverse patients, communities, or populations, including family and/or important others. Domain 2, 3, 9
3. Manage population health through community partnerships and cost-effective and equitable practices to improve primary prevention and disease management for diverse populations. Domains 3, 6, 9, 10
4. Apply relevant evidence-based knowledge and innovative healthcare strategies with a collaborative approach to improve and transform health care. Domains 1, 4, 5, 6, 7, 10
5. Employ established and emerging principles of safety and improvement science to minimize the risk of harm and improve outcomes for patients, communities, and populations. Domains 1, 2, 3, 5, 7,8
6. Collaborate with intention across professions and with care team members, patients, families, communities, and other stakeholders to optimize care, enhance the healthcare experience, and strengthen outcomes. Domains 2, 6, 7
7. Lead within complex health care systems to provide safe, quality, and equitable care to diverse populations. Domains 2, 3, 5, 6, 7, 8, 9, 10
8. Utilize information and communication technologies and informatics processes to manage and improve the delivery of safe, high-quality, and efficient healthcare services in accordance with best practices and professional and regulatory standards. Domains 1, 2, 4, 5, 7, 8, 9, 10
9. Cultivate a sustainable professional nursing identity at an advanced level that includes self-reflective practice, health care policy advocacy, accountability, collaborative disposition, and ethical comportment that reflects nursing's characteristics and standards of care. Domains 6, 9, 10
10. Expand leadership skills and commitment to activities that foster personal health, resilience, lifelong learning, and nursing expertise. Domains 9, 10

Admissions Requirements

Students must complete the University's application requirements for all graduate programs. Students interested in the **Psychiatric Mental Health Nurse Practitioner Certificate Program (PMHNP)** must also:

- Provide a current, unencumbered RN license
- Have an MSN from an accredited institution
- Have a minimum of two or more years of direct patient care RN experience (obtained within the last five years).
- Have completed a college-level statistics course and college-level research course with a grade of C or higher.
- Provide two letters of recommendation.
- Be able to travel significant distances to clinical sites, if necessary.

Students must have completed the following prerequisite courses or equivalent from Goodwin University or another accredited institution.

Course Code	Title	Credits
MSN 500	Theoretical Basis for Advanced Nursing Practice and Leadership	3
MSN 505	Pathophysiology for Advanced Nursing Practice	3
MSN 510	Pharmacology for Advanced Nursing Practice	3
MSN 540	Physical Assessment for Advanced Nursing Practice	3
MSN 610	Seminar in Nursing Research	3
MSN 620	Policy, Politics, and Organization of Healthcare	3

Accepted Students

- Students must submit a medical examination report by a health care provider which describes the student's physical and emotional health.
- All required immunizations must be completed before the start of the first Nursing course excluding the Hepatitis B vaccine series which may be in progress.
- A declination or approved medical exemption may be permitted for the Hepatitis B, Influenza, COVID-19, and Tdap vaccinations. However, students should be aware that clinical agencies maintain their own immunization and health clearance requirements. Failure to meet a clinical site's vaccination requirements may limit clinical placement opportunities and could delay or otherwise impact progression and successful completion of the program.

- Students are required to become certified in Cardio-Pulmonary Resuscitation (Health Provider or Professional Rescuer) by the American Heart Association or the Red Cross before entering the Nursing program and must maintain certification throughout the nursing program.
- Students must submit to a background check and drug screening. Program fees cover the cost of both tests.
    - If the drug screen result is "negative dilute," the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by a physician, will prevent the student from entering the program.
    - Students will be notified if the background check reveals any criminal record that might interfere with future licensure. In the event that the results impact placement into a clinical facility students will be notified. See the MSN student handbook for additional information.
- Students must secure one or more approved clinical site placements for each of their final three clinical semesters in order to progress in the program. Students are required to actively participate in identifying potential clinical sites, with support and guidance provided by the nursing office. Some students may elect to use a third-party placement service at their own expense.
- Student's must maintain professional liability insurance. Students in nurse practitioner tracks FNP and PMNP must maintain specific coverage as nurse practitioner students to be eligible to go into the clinical setting.
- Students who are not in compliance with clinical requirements will be prohibited from attending clinical experiences until all requirements are satisfied. Time missed from clinical due to noncompliance may delay course completion, progression in the program, and graduation.

Graduation Requirements

Graduate students must earn a minimum cumulative GPA of 3.0 and successfully complete all required clinical hours.

Curriculum

Semester 1

- MSN 520 - Neuropsychopharmacology **3 credit(s)**
- MSN 605 - Current Concepts and Professional Roles in Advanced Practice Nursing **3 credit(s)**
- MSN 655 - Assessment, Diagnosis and Treatment of Mental Health **3 credit(s)**

Semester 2

- MSN 665 - PMHNP I: Advance Practice Psychiatric Mental Health Care for the Adult **7 credit(s)**

Semester 3

- MSN 675 - PMHNP II: Advanced Practice Psychiatric Mental Health Care for Children and Older Adults **7 credit(s)**

Semester 4

- MSN 685 - PMHNP III: Advanced Practice Psychiatric Mental Health Care of the Complex Patient **7 credit(s)**
- MSN 697 - Advanced Practice Capstone: Clinical Applications in Psychiatric Population Health **2 credit(s)**

Total Credits in Program 32

Bachelor's

Accelerated Nursing, B.S.

Our Accelerated Bachelor of Science in Nursing (ABSN) is geared towards individuals who already have a bachelor's degree in a non-nursing major from a regionally accredited college or university, but want to become licensed as an RN and work in the field quickly.

Students will gain the knowledge necessary to become an advocate for patients, families, and communities. They will learn to practice a holistic approach to patient wellness and quality care through critical and creative thinking, ethical decision-making, and evidence-based practice.

Admission Requirements and Process

Only students admitted to the program may enroll in nursing courses. It is important to note that not all qualified candidates can be offered admission to the nursing program due to the limited number of seats available. Prospective nursing applicants are strongly advised to attend a Health Science Information Session conducted by the university. Please call the Admissions Office at 800-889-3282 for dates and times of upcoming sessions. Students may enter the university at any time to complete the prerequisites required for admission.

Admission is based upon the completion of ABSN prerequisites and other requirements. All requirements must be completed before enrolling in the program. Students may apply to the ABSN program up to four times.

Any submitted applications that do not meet the minimum required GPA of 3.0 and the required 58.7% score on the TEAS examination that is used as the pre-admission exam will not be considered or counted as an attempt.

Admissions Process

1. Complete the application for admission into Goodwin University. Applicants to the ABSN program must first meet the prerequisites for admission and be accepted into Goodwin University.
2. Complete the ABSN program application.
    1. Official college transcripts are required with the application. Transcripts are used as proof of education level or for transfer credit to transfer in the prerequisite courses required for admission. If the official transcripts have already been provided to the Registrar, the Nursing department will retrieve copies.
    2. Take the TEAS Exam administered by ATI that is being used as an application requirement and earn a minimum score of 58.7%. Students may only take the TEAS Exam one time per application cycle once an application is submitted to the ABSN Program. The cost of the exam is the responsibility of the applicant. No exams will be accepted after the TEAS deadline posted on the application. Information and instructions to register for the exam are posted on the ABSN Application on Goodwin's website. Questions about the exam should be directed to ATI Customer Service, the number is provided on the ABSN Application. Applicants are allowed four attempts to apply to the ABSN Program. To be considered for admissions, students must complete all the required prerequisites, hold a previous bachelor's degree and a 3.0 GPA.

    3. Minimum 3.0 cumulative GPA (not rounded) from a previous bachelor's degree or from twelve credits completed at Goodwin University.

    4. Complete the following prerequisite courses with a minimum grade of "C" prior to applying:
        1. Chemistry - CHEM 101 or equivalent.
        2. Lifespan Development - PSY 212 or equivalent.
        3. Statistics - STAT 167 or equivalent.
    5. Complete the following prerequisite courses with a minimum grade of "C+" prior to applying:
        1. Biology - BIO 211, Anatomy & Physiology I or equivalent completed within the last five years.
        2. Biology - BIO 212 Anatomy & Physiology II or equivalent completed within the last five years.
        3. Biology - BIO 235 Microbiology or equivalent completed within the last ten years.

Any prerequisite courses transferred from another college must be equivalent to Goodwin University courses and must meet the grade requirement of "C" or "C+" (see letters "2.d" and "2.e" above).

Point System

I. Previous College Education	**Score**
Master's Degree	2
II. Completed Goodwin University Courses (C or higher) (NO points for FIL 101)	
1-3 course(s)	1
4-6 courses	2
> 7 courses	3
III. Cumulative GPA based on completed Goodwin University coursework totaling >12 credits or most recent college degree (Minimum 3.0 to qualify)	
3.0 - 3.2	1
3.3 - 3.5	2
3.6 - 3.7	3
3.8 - 4.0	4
IV. Composite Score on ATI TEAS Pre-Entrance Exam (>58.7% to qualify)	
58.7% - 62.9%	1
63.0% - 67.1%	2
67.2% - 71.3%	3
71.4% - 75.5%	4
75.6% - 79.7%	5
79.8% - 83.9%	6
84.0% - 88.1%	7
88.2% - 92.3%	8
92.4% - 96.5%	9
96.6% - 100%	11
V. Attributes and Characteristics	

500-Word Essay	10
Interview	10
Maximum Total Points	**40**

Accepted Students

- Once accepted, students are required to submit a $500 non-refundable tuition deposit to hold their place in the program. Students must obtain their own malpractice insurance and also become a member of the Goodwin University Student Nursing Association (GUSNA).
- Admitted students must submit a medical examination report by a health care provider which describes the student's physical and emotional health prior to starting the program. All required immunizations must be completed before the start of the first nursing course excluding the Hepatitis B vaccine series which may be in progress. If a student elects to not have the Hepatitis B vaccine series, a signed declination form must be in his/her file. All students in the program must receive a flu shot annually.
- Students are required to become certified in Cardio-Pulmonary Resuscitation (Health Provider or Professional Rescuer) by the American Heart Association or the Red Cross before entering the Nursing program and must maintain certification throughout the nursing program. The cost related to obtaining and maintaining CPR certification is the responsibility of the student. Proof of certification must be submitted annually.
- All students accepted to the Accelerated Bachelor of Science Degree in Nursing program must submit to a background check and drug screening. Fees cover the initial cost of both. However, if the drug screen result is "negative dilute," the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by a physician, will prevent the student from entering the program.
- Fees associated with the background check increase with residency in more than one state and any additional surnames. Additional fees are covered by the student. Further, some pediatric clinical sites require a second background check and this additional cost is covered by those students required to comply. These fees are paid directly to the vendor by the student. Not performing this second background check will impact the student's ability to attend specific pediatric clinicals.
- Students will be notified if the background check reveals any criminal record that might interfere with future licensure. In the event that a clinical facility finds the results of a student's background check objectionable and, as a result, prohibits the student from participating in a clinical experience at their facility, the department will make two additional attempts to place the student in an alternative facility. If neither of the two further attempts yield a placement for the student, (s)he will not be permitted to progress with the program. Students are advised to take this into consideration upon initial receipt of the results of their background check.

Program Learning Outcomes

Graduates of the BSN program will demonstrate mastery of the AACN (2021) competencies and level 1 sub-competencies within the Ten Domains for Nursing across the Four Spheres of Care, leading to the achievement of the following BSN end-of-program outcomes:

1. Establish a basis for clinical judgment and innovation based on nursing knowledge, ways of knowing, and knowledge from other disciplines. Domain 1
2. Provide person-centered and evidence-based nursing care emphasizing diversity, equity and inclusion. Domain 2, 4, 9
3. Manage population health across settings in collaboration with diverse partners that leads to the improvement of equitable health outcomes. Domains 3, 6, 9, 10
4. Demonstrate the application, translation, and implementation of best evidence into clinical practice, policy, and leadership. Domains 1, 4, 5, 7, 9, 10
5. Demonstrate knowledge and use of established and emerging safety science principles in care delivery. Domains 1, 5, 7
6. Demonstrate professional partnerships built on core professional nursing values in providing team-based, person-centered care. Domains 2, 6, 7, 9
7. Apply knowledge of systems and evidence-based practice to provide safe, quality, and equitable care to diverse populations. Domains 1, 2, 3, 4, 5, 7, 8, 9, 10
8. Utilize informatics processes and technologies to provide safe and high-quality healthcare services in accordance with best practices. Domains 4, 5, 7, 8, 9, 10
9. Cultivate a sustainable professional nursing identity that includes self-reflective practice, health care policy advocacy, accountability, collaborative disposition, and comportment that reflects nursing's characteristics and values. Domains 6, 9, 10
10. Demonstrate a capacity for leadership that includes a commitment to activities that foster personal health, resilience, lifelong learning, and active membership in the profession. Domains 9, 10

Nursing Department Policies

Policies specific to the ABSN may be found in the ABSN Student Handbook.

Graduation Requirements

The following requirements must be met to graduate from the Nursing Program:

1. Completion of the course requirements. Prerequisite courses must be completed with a "C" or higher except for specific science courses which require a "C+" or higher.
2. Completion of ABSN coursework with an academic average of at least 2.3 (C+) within the maximum time frame (no greater than six (6) semesters);
3. Fulfillment of all financial obligations to the University;
4. Completion of a final math calculation exam with a score of 100%;

5. Pass the Clinical Component of Nursing 452.

Graduation from the program does not guarantee passing the NCLEX-RN® licensing exam. If a student in the program has a felony record, the Department of Public Health will determine their eligibility to take the NCLEX-RN® when the student applies to take the exam. The university has no responsibility for making this decision. Students may access the State Board of Nursing website for additional information.

Curriculum

Students entering this program will automatically be awarded **38 credits** from any subject in recognition of attaining their first bachelor's degree. Additional transfer credit may be awarded for courses fulfilling the general education core requirements.

General Education Core Requirements - 22 credits

- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**
- CHEM 101 - Chemistry **4 credit(s)**
- PSY 212 - Lifespan Development **3 credit(s)**
- STAT 167 - Principles of Statistics **3 credit(s)**

Nursing Major Core Requirements - 60 credits

Fall Semester

- NUR 208 - Health Assessment and Skills Development **6 credit(s)**
- NUR 302 - Foundations of the Nursing Profession **3 credit(s)**
- NUR 308 - Principles of Pathophysiology **3 credit(s)**
- NUR 376 - Pharmacology for Nurses **3 credit(s)**

Spring Semester

- NUR 313 - Nursing Research and Evidence-Based Practice **3 credit(s)**
- NUR 217 - The Wellness Continuum for Adults I **6 credit(s)**
- NUR 323 - Mental Health Nursing **5 credit(s)**

Summer Semester

- NUR 307 - The Wellness Continuum II **7 credit(s)**
- NUR 338 - The Wellness Continuum for Children and Families **3 credit(s)**
- NUR 433 - Community and Public Health Nursing **5 credit(s)**

Fall Semester II

- NUR 438 - The Wellness Continuum for Women, Newborns and Families **4 credit(s)**
- NUR 452 - Caring for Adults with Complex Health Alterations **9 credit(s)**
- NUR 456 - Nursing Leadership **3 credit(s)**

Total Credits in the Program: 120

Health Science, B.S.

The Bachelor of Science in Health Science program is an interdisciplinary program designed to provide career advancement opportunities for entry-level health profession practitioners as well as individuals who wish to begin their careers in healthcare. This program encourages students with different backgrounds and interests; the program helps students achieve their educational goal through three different concentrations: Healthcare Administration, Epidemiology, or Health Informatics. Students are advised throughout the program to determine their professional goals and to develop and follow a plan of study to meet those goals. Graduates of associate degree or certificate programs, such as Medical Assisting, Medical Billing and Coding, Occupational Therapy Assistant, and Respiratory Care can enroll in this program as a step toward career advancement and apply previous credits earned toward a baccalaureate degree.

Students choose one of the following health science concentrations:

1. **Healthcare Administration** Students will acquire knowledge of the business challenges specific to the healthcare delivery system, and will gain an appreciation of the manager's role within a healthcare and public health environment.
2. **Epidemiology Concentration** Students will acquire knowledge of the role epidemiology has in a healthcare and public health setting. Students will gain a strong understanding of statistical concepts involved in biological processes and apply these concepts towards improving the health of diverse populations.
3. **Health Informatics Concentration** Students will acquire knowledge on how to manage, analyze, and utilize healthcare data and information systems to improve patient care, healthcare operations, and clinical decision-making.

All students completing an internship must successfully pass a background check and drug test before the internship will be approved. Forms are provided by program personnel.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate a strong foundation in basic behavioral, natural, social and health sciences appropriate to entry-level positions in healthcare.
2. Communicate and present verbal, visual and written ideas, and information clearly and accurately in a way that represents competence and professionalism in the healthcare field.

3. Interpret and explain policy within the ethical, legal, and regulatory framework of the healthcare industry.
4. Identify and describe the different roles of healthcare professionals and develop skills to become an effective team member.
5. Demonstrate an understanding of critical thinking skills used in healthcare.
6. Appreciate diversity, differing belief and value systems, as well as appreciate individual opinions within the healthcare environment.
7. Develop self-directed and engaged learning skills needed for independent and lifelong learning.
8. Identify health determinants to improve health equity across all populations.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog.

Curriculum Requirements

General Education Core Requirements - 40 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- ENG 2XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- STAT 167 - Principles of Statistics **3 credit(s)**
- BIO 1XX - Science Elective **Credit(s): 4**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 12**

Health Science Major Core Requirements - 43 Credits

- CHEM 101 - Chemistry **4 credit(s)**
- HSC 101 - Introduction to Healthcare **3 credit(s)**
- HSC 105 - Medical Terminology **3 credit(s)**
- HSC 120 - Health and Wellness **3 credit(s)**
- HSC 218 - Interprofessional Learning and Collaboration in Healthcare **3 credit(s)**
- HSC 310 - U.S. Healthcare Delivery Systems **3 credit(s)**
- HSC 312 - Organization and Administration of Long-Term Care **3 credit(s)**
- HSC 350 - Continuous Quality Improvement **3 credit(s)**
- HSR 240 - Disability, Society, and the Individual **3 credit(s)**
- PBH 110 - Introduction to Public Health **3 credit(s)**
- PBH 212 - Public Health Informatics **3 credit(s)**

- PBH 305 - Ethics in Public Health **3 credit(s)**
- PSY 420 - Research Methods **3 credit(s)**
- HSC 450 - Senior Capstone **3 credit(s)**
  OR
- HSC 460 - Senior Internship **3 credit(s)**

OPEN Electives - 18 Credits

- OPEN Elective **Credit(s): 18**

Concentration Requirements - 21 Credits

Students will select one of the following concentrations to complete the program.

- Epidemiology
- Healthcare Administration
- Health Informatics

Total Credits in the Program: 122

Public Health, B.S.

*****Please note, this program is closing and is no longer enrolling new students.*****

The Bachelor of Science in Public Health program is comprised of evidence-based approaches to address health challenges across communities and populations. The Public Health program explores strategies for preventing disease, prolonging life and improving the health of communities. The curriculum combines multidisciplinary approaches from medicine, social sciences, and public policy. Graduates are prepared for careers in government agencies, non-profit organizations, research institutions, healthcare systems, and international health organizations, working to improve population health through prevention, education, and intervention programs. The Bachelor of Science in Public Health will prepare students for careers that require strong bachelor's level preparation as well as graduate programs in public health.

Students choose one of the following public health concentrations:

1. **Epidemiology Concentration** Students will acquire knowledge of the role epidemiology has in a healthcare and public health setting. Students will gain a strong understanding of statistical concepts involved in biological processes and apply these concepts towards improving the health of diverse populations.
2. **Health Communication and Policy Concentration** Students will acquire knowledge on the intersection of effective health messaging and policy development to influence public health outcomes. This specialized area prepares students to translate complex health information into accessible content and develop policies that address public health challenges.

3. **Health Informatics Concentration** Students will acquire knowledge on how to manage, analyze, and utilize healthcare data and information systems to improve patient care, healthcare operations, and clinical decision-making.

All students completing an internship must successfully pass a background check and drug test before the internship is approved. Forms are provided by program personnel.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Identify socioeconomic, behavioral, biological, environmental, and other health determinants that contribute to health and social inequities.
2. Compare the fundamental characteristics and organizational structures of the US health system to systems in other countries.
3. Evaluate the efficacy of culturally responsive interventions for disease prevention and health and wellness promotion across the life span.
4. Integrate legal, ethical, economic, and regulatory dimensions in public health policy analysis.
5. Analyze the impact of local, state, and federal legislation, regulations, and standards on public health practice.
6. Evaluate data sources used in public health.
7. Apply the principles of leadership, health communication, and data analyses to guide decision making in community health initiatives.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog.

Curriculum

General Education Core Requirements - 40 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- ENG 2XX - English Elective **Credit(s): 3**
- MATH 125 - Mathematical Applications for the Health Sciences **3 credit(s)**
- STAT 167 - Principles of Statistics **3 credit(s)**
- BIO 120 - Human Biology **4 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- PHIL 105 - Ethics, Values, and Cultural Competence in Practice **3 credit(s)**
- General Education Electives **Credit(s): 12**

Note:

** Elective credits may be chosen from any general education course, unless directed by the program. General education courses contain the following prefixes: ENG, MATH, STAT, CAP, COM, BIO, CHEM, SCI, HIS, HUM, PHIL, SPAN, PSY, and SOC.

Public Health Major Core Requirements - 66 Credits

- PBH 110 - Introduction to Public Health **3 credit(s)**
- PBH 210 - Health Behavior and Chronic Disease **3 credit(s)**
- PBH 212 - Public Health Informatics **3 credit(s)**
- PBH 271 - Issues of Diversity and Equity in Public Health **3 credit(s)**
- PBH 379 - Social and Behavioral Aspects of Public Health **3 credit(s)**
- PBH 301 - Leadership in Health **3 credit(s)**
- HSC 410 - Epidemiology **3 credit(s)**
- PBH 305 - Ethics in Public Health **3 credit(s)**
- PBH 310 - Occupational Health in the United States **3 credit(s)**
- PBH 315 - Injury Prevention and Public Safety **3 credit(s)**
- PBH 280 - Introduction to Global Health **3 credit(s)**
- PBH 252 - Human Health in the Environment **3 credit(s)**
- PBH 400 - Community Health **3 credit(s)**
- PSY 420 - Research Methods **3 credit(s)**
- HSC 450 - Senior Capstone **3 credit(s)**
  Or
- HSC 460 - Senior Internship **3 credit(s)**
- OPEN Electives **Credit(s): 21**

Concentration Requirements - 15-16 Credit(s)

Students choose one of the following concentrations to complete the Public Health program. Credit for the concentration requirements is based on the concentration selected.

Health Informatics Concentration

- HSC 105 - Medical Terminology **3 credit(s)**
- PBH 215 - Introduction to Healthcare Informatics **3 credit(s)**
- PBH 322 - Health Administration **3 credit(s)**
- PBH 340 - Data Mining and Knowledge Discovery **3 credit(s)**
- PBH 412 - Database Design and Implementation **3 credit(s)**

Health Communication and Policy Concentration

- HSR 105 - Community Organization and Advocacy **3 credit(s)**
- PBH 300 - Introduction to Public Health Policy **3 credit(s)**

- PBH 302 - Public Health Personnel and Administration **3 credit(s)**
- PBH 322 - Health Administration **3 credit(s)**
- PBH 405 - Health Communication and Literacy **3 credit(s)**

Epidemiology Concentration

- BIO 1XX - Biology Elective **Credit(s): 3 - 4**
- HSC 105 - Medical Terminology **3 credit(s)**
- HSC 350 - Continuous Quality Improvement **3 credit(s)**
- PBH 340 - Data Mining and Knowledge Discovery **3 credit(s)**
- PBH 415 - Population Health **3 credit(s)**

Total Credits in the Program: 121 - 122

RN-to-BSN Program, B.S.

RN-to-BSN nursing education prepares nurses to practice in a variety of settings by providing students with state-of-the-art preparation for careers in healthcare and science-based disciplines. Additionally, RN-to-BSN nursing education provides opportunities for the development and clarification of values, the development of assessment, evaluative, teaching and communication skills, the development and refining of technical skills that are required for delivery of quality nursing care and the development of problem-solving and critical thinking skills.

BSN prepared nurses function as active and knowledgeable participants in the health care delivery system as well as global citizens with an understanding of information technologies that link parts of the world. Students learn about the organization and finance of health systems and how to participate in and influence political and other processes that affect health care delivery using evidenced based practice methods.

Admission Requirements

Applicants are required to:

- Hold a current unencumbered Registered Nurse license in the state where they practice nursing*;
- Complete the application for admission into Goodwin University (applicants to the nursing program must first meet the requirements for admission and be accepted into Goodwin University);
- Complete the Bachelor of Science in Nursing Program Application; and
- Attend an academic advising session with the Nursing Department Academic Advisor.

**Students who have graduated from the Goodwin University Associate in Nursing Program only may be admitted to the RN-BSN track and take NUR 303, NUR 308, and NUR 312, and any general education requirement for two semesters without an RN license.*

Accepted Students

- All university-required immunizations and requirements must be completed before the start of the program.
- Students are required to maintain current certification in Cardio-Pulmonary Resuscitation (Health Provider or Professional Rescuer by the American Heart Association or the Red Cross).
- Students are required to maintain an unencumbered RN license during tenure in the program, with the exception noted above.

Program Learning Outcomes

Graduates of the BSN Program will demonstrate mastery of the AACN (2021) Competencies and level-1 Sub-competencies within the Ten Domains for Nursing across the Four Spheres of Care, leading to the achievement of the following BSN End-of-Program Outcomes:

1. Establish a basis for clinical judgment and innovation based on nursing knowledge, ways of knowing, and knowledge from other disciplines. Domain 1
2. Provide person-centered and evidence-based nursing care emphasizing diversity, equity and inclusion. Domain 2, 4, 9
3. Manage population health across settings in collaboration with diverse partners that leads to the improvement of equitable health outcomes. Domains 3, 6, 9, 10
4. Demonstrate the application, translation, and implementation of best evidence into clinical practice, policy, and leadership. Domains 1, 4, 5, 7, 9, 10
5. Demonstrate knowledge and use of established and emerging safety science principles in care delivery. Domains 1, 5, 7
6. Demonstrate professional partnerships built on core professional nursing values in providing team-based, person-centered care. Domains 2, 6, 7, 9
7. Apply knowledge of systems and evidence-based practice to provide safe, quality, and equitable care to diverse populations. Domains 1, 2, 3, 4, 5, 7, 8, 9, 10
8. Utilize informatics processes and technologies to provide safe and high-quality healthcare services in accordance with best practices. Domains 4, 5, 7, 8, 9, 10
9. Cultivate a sustainable professional nursing identity that includes self-reflective practice, health care policy advocacy, accountability, collaborative disposition, and comportment that reflects nursing's characteristics and values. Domains 6, 9, 10
10. Demonstrate a capacity for leadership that includes a commitment to activities that foster personal health, resilience, lifelong learning, and active membership in the profession. Domains 9, 10

Nursing Department Policies

Policies specific to the RN-BSN track may be found in the RN-BSN Nursing Student Handbook.

Graduation Requirements

The following requirements must be met to graduate from the nursing program:

1. Completion of the course requirements. General education courses and open electives must be completed with a "C" or higher
2. Completion of each RN-BSN nursing core course with a grade of C+ as well as an academic average of 2.3 within the maximum time frame (no greater than nine (9) semesters or three years)
3. Fulfillment of all financial obligations to the University.
4. A minimum of thirty (30) credit hours at the 3XX or 4XX levels, including all upper division nursing courses.

Curriculum

Associate in Nursing Core Requirements - 62 Credits

Students may receive 62 credits for previous course work as a part of their Associate Degree in Nursing Program via the Connecticut Articulation Model. The courses or their equivalent are below:

- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**
- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- PSY 212 - Lifespan Development **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- Lower Division Nursing Courses

General Education Core Requirements - 27 Credits

- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- HIS 1XX - History Elective **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- COM 1XX - Communications Elective **Credit(s): 3**
- CAP 1XX - Computer Literacy Elective **Credit(s): 3**
- STAT 167 - Principles of Statistics **3 credit(s)**

- ENG 3XX - English Elective **Credit(s): 3**
- PBH 305 - Ethics in Public Health **3 credit(s)**
- SOC 320 - Health and Social Issues in Aging **3 credit(s)**

Open Electives - 7 Credits

- OPEN Elective (1XX) **Credit(s): 4**
- OPEN Elective (1XX) **Credit(s): 3**

Upper Division Nursing Core Requirements - 24 Credits

- NUR 303 - Foundations of Professional Nursing **3 credit(s)**
- NUR 308 - Principles of Pathophysiology **3 credit(s)**
- NUR 312 - Health Assessment **3 credit(s)**
- NUR 353 - Introduction to Nursing Research **3 credit(s)**
- NUR 364 - Public and Community Health Nursing **3 credit(s)**
- NUR 383 - Pharmacotherapeutics Across the Lifespan **3 credit(s)**
- NUR 463 - Introduction to Healthcare Policy and Advocacy **3 credit(s)**
- NUR 464 - Leadership and Management in Nursing **3 credit(s)**

Total Credits in the Program: 120

Associate

Dental Hygiene, A.S.

The Associate of Science in Dental Hygiene program is designed to equip students with the skills to become professionals ready to assist the public and the community. The program provides clinical and therapeutic services as well as dental hygiene education. The program is centered on evidence-based learning with the theoretical foundation and hands-on classwork that prepares students for the workforce and engenders an appreciation for lifelong learning. Twenty-eight (28) students are accepted each summer semester into the program. The date of application submission and points attained in the Point System will dictate the class roster's placement order.

Dental Hygienists are required to be licensed in the state where they practice. Upon completion of the 80-credit curriculum, students are qualified to take the National Board Dental Hygiene Examination (NBDHE) and the American Board of Dental Examiners clinical exam, which are requirements for state licensure. The Dental Hygiene Program (DHP) has been granted accreditation status by the American Dental Association Commission on Dental Accreditation for Dental Hygiene Education Programs as: Approval without reporting requirements.

Admission Requirements

The DHP is a rigorous and intensive program that is both physically and mentally demanding. Due to the limited number of 28 seats available each year, selective admission based on the entrance criteria below. To qualify for admission the applicant must:

1. Complete the online application for admission to the DHP. Associate in Dental Hygiene Application. If you are a current student at Goodwin University, ensure all transcripts are uploaded into Ellucian. If you are new to Goodwin University or need to re-enroll, please contact the admissions department first.
2. Have a minimum college GPA of 2.7 by the end if the fall application cycle. A higher GPA will make an applicant more competitive and may increase chances of acceptance.
3. Complete all prerequisite courses with a passing grade by the end of the fall semester in which you are applying.
4. Complete the following prerequisites with a "passing grade": COM 1XX Communications elective, CAP 1XX Computer Applications, ENG 101 English Composition or equivalent, ENG 1XX English elective, HUM 1XX Humanities Elective, PSY 112 Introduction to Psychology or equivalent, SOC 101 Introduction to Sociology or equivalent, BIO 120 Human Biology or equivalent.
5. Complete Math 1XX (Intermediate algebra or higher) and CHEM 101 - Chemistry with a "C" or higher.
6. Complete BIO 211 and BIO 212 Anatomy & Physiology I & II within five years of application to the DH program with a "C+" or higher.
7. Complete BIO 235 Microbiology within ten years of application to the DH program with a "C+" or higher.
8. Provide documentation on dental office letterhead of 8 hours of observation of dental hygiene services in a private practice in the previous 12 months. In lieu of observation hours, an applicant may sit as an active patient in the dental hygiene clinic for a current DH student.
9. Be able to perform all functional abilities required of a dental hygienist. Dental Hygienist Functional Abilities | Goodwin University
10. Each qualified applicant will be invited for an interview with the Program Director. Interview question responses will be measured with a rubric that assesses program readiness and understanding. At the conclusion of the interview, each applicant will be required to hand write an essay of approximately 500 words to be completed within 30 minutes. Essay topic questions will be given at that time, and responses will be measured with a rubric that assesses ability to sufficiently answer the question.
11. Successfully pass a background check, drug test, and Department of Children and Families check before official acceptance into the DHP will be granted. Forms are provided by program personnel.

Point System

The DHP utilizes a point system that assists in the ranking of prospective candidates. The points will be calculated by the Dental Hygiene Program Academic Advisor.

Previous College Education	**Score**
Associate Degree or >60 Credits	2
Bachelor's Degree	3
Master's Degree	4
Completion of Any Course(s) at Goodwin University	
1 course	1
2 courses	2
3 courses	3
4 courses	4
5 courses	5
6 courses	6
7 courses	7
Cumulative College GPA (Based on a minimum of 12 credits. Students with less than 12 credits will be given a score of 1 point only)	
2.7 - 3.0	1
3.1 - 3.5	2
3.6 - 4.0	3
Essay (Writing Skills) Essays are assessed using a rubric to identify appropriate skill level.	
Poor (23-28)	1
Average (29-34)	2
Excellent (35-40)	3
Total Possible Points	17

Accepted Students

DHP students will be required to provide documentation of a physical exam (within 2 years) and immunizations prior to starting the program. Students' immunizations must remain current throughout the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- MMR vaccination or titer
- Varicella vaccination or titer
- A one time, two-step PPD vaccination or Quantiferon Gold (within 1 year)

All students must provide proof of CPR Certification for Healthcare Providers (BLS) by the American Heart Association prior to the 2nd semester of the program.

All students must acquire health insurance and purchase student liability insurance to participate in the DH program. Liability insurance information will be given at the time of acceptance.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Provide competent dental hygiene care for patients of all age groups including geriatric, adults, adolescents and children.
2. Demonstrate the process of care in dental hygiene for all age groups including those with medical, physical, psychological, cognitive and social needs: assessment, diagnosis, planning, implementation, education and evaluation.
3. Implement effective communication to deliver culturally competent and inter-professional health care to diverse populations.
4. Implement the use of dental technology and learning platforms to provide comprehensive dental hygiene treatment and complete program assignments and student self-assessments.
5. Evaluate and incorporate current scientific literature to support evidence based dental hygiene care.
6. Create, implement, and evaluate community-based health programs that will improve health outcomes and reduce disparities in marginalized populations.

Dental Hygiene Program Policies

Policies specific to the DHP may be found in the Dental Hygiene Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Dental Hygiene core requirements with a minimum grade of "C+" or higher in both didactic and lab/clinical courses.

Curriculum

The four courses below are pre-requisites complete other courses or to apply for the DHP but they are not included in the 80 credits needed to graduate:

- BIO 120 - Biology **4 credit(s)**
- CAP 1XX - Computer Literacy **3 credit(s)**
- MATH 1XX - Mathematics **3 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**

General Education Core Requirements - 15 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **3 credit(s)**
- COM 1XX - Communications Elective **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **3 credit(s)**

Non-Major Core Requirements - 16 Credits

- CHEM 101 - Chemistry **4 credit(s)**
- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**

Dental Hygiene Core Requirements - 49 Credits

First Semester

- DHP 105 - Radiology **3 credit(s)**
- DHP 104 - Head and Neck Anatomy and Embryology **4 credit(s)**

Second Semester

- DHP 110 - Principles of Dental Hygiene I **4 credit(s)**
- DHP 202 - Nutrition **3 credit(s)**

Third Semester

- DHP 120 - Principles of Dental Hygiene II **4 credit(s)**
- DHP 102 - Periodontology **3 credit(s)**

Fourth Semester

- DHP 106 - Pharmacology and Pain Management **4 credit(s)**
- DHP 103 - Dental Materials **4 credit(s)**
- DHP 113 - General and Oral Pathology **3 credit(s)**

Fifth Semester

- DHP 210 - Principles of Dental Hygiene III **5 credit(s)**
- DHP 201 - Community and Public Health Dentistry **4 credit(s)**

Sixth Semester

- DHP 220 - Principles of Dental Hygiene IV **5 credit(s)**
- DHP 230 - Dental Hygiene Capstone **3 credit(s)**

Total Credits in the Program: 80

Funeral Service, A.S.

The Associate of Science in Funeral Service is designed to prepare the graduate for an entry-level position in the funeral service field. Educational experiences will be delivered through lectures, laboratories, and real-world internship opportunities. At the completion of all course work, the student may be eligible to take the National Board Examination from the International Conference of Funeral Service Examining Boards.

Admission Requirements

The following are the admission requirements for students applying to the Funeral Service program. Meeting minimum requirements does not guarantee admission into the program due to the limited number of seats available. Admission is based upon completion of the funeral service prerequisites and other requirements. If courses are in progress, acceptance will be conditional upon submission of an official transcript immediately upon completion. All requirements must be completed before enrolling in FNS 202, Funeral Service Management and Communications.

1. Complete the application for admission into Goodwin University. Applicants to the Funeral Service program must first meet the requirements for admission and be accepted into Goodwin University.
2. Complete the Funeral Service program application.
3. Earn a minimum GPA of 2.7 in the most recent university course work. University GPA is based on a minimum of 12 completed credits.
4. Complete Human Biology - BIO 120 or equivalent with laboratory component with a grade of a "C" or higher.
5. Complete Microbiology - BIO 235 or equivalent with laboratory component with a grade of a "C+" or higher. This course must be completed within the last ten years.

Point System

Funeral Service applicants who have satisfied all of the admission criteria will be selected according to the point system as specified below:

Previous University Education	**Score**
Associate Degree or >60 Credits	2
Bachelor's Degree	3
Master's Degree	4
Completion of courses taken at Goodwin University	
1 course	1
2 courses	2
3 courses	3
4 courses	4
5 courses	5
6 courses	6
7 courses	7
Cumulative GPA (applicable for Goodwin University courses only, based on a minimum of 12 credits)	
2.7 - 3.0	1
3.1 - 3.4	2
3.5 - 3.8	3
3.9 - 4.0	4
Total Possible Points	15

Accepted Students

All students must successfully pass a background check and drug screen before official acceptance into the Funeral Service program will be granted. Forms are provided by program personnel.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Explain the importance of funeral service professionals in developing relationships with the families and communities they serve.
2. Identify standards of ethical conduct in funeral service practice.
3. Interpret how federal, state, and local laws apply to funeral service in order to ensure compliance.
4. Apply principles of public health and safety in the handling and preparation of human remains.
5. Demonstrate technical skills in embalming and restorative art that are necessary for the preparation and handling of human remains.
6. Demonstrate skills required for conducting arrangement conferences, visitations, services, and ceremonies.
7. Describe the requirements and procedures for burial, cremation, and other accepted forms of final disposition of human remains.
8. Describe methods to address the grief-related needs of the bereaved.
9. Explain management skills associated with operating a funeral establishment.
10. Demonstrate verbal and written communication skills and research skills needed for funeral service practice.

Funeral Service Program Policies

Policies specific to the Funeral Service program may be found in the Funeral Service Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Funeral Service major core requirements with a minimum grade of "77%" or higher with the exception of FNS 298 which needs a minimum of an "80%" or higher. Students must also have a cumulative GPA of 2.7 or higher.

Curriculum

General Education Core Requirements - 25 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX -English Elective **Credits: 3**
- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- SCI 124 - Humans and Disease **3 credit(s)**
- BIO 120 - Human Biology **4 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **Credits: 3**
- FNS 207 - Funeral Service Psychology and Counseling **3 credit(s)**

Non-Major Core Requirements - 10 Credits

- BUS 101 - Introduction to Management **3 credit(s)**
- ACC 101 - Principles of Accounting I **3 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**

Funeral Service Major Core Requirements - 30 Credits

- FNS 202 - Funeral Service Management and Communication **4 credit(s)**
- FNS 205 - Restorative Art with Lab **4 credit(s)**
- FNS 209 - Funeral Service Law and Socio-Ethics **3 credit(s)**
- FNS 216 - Funeral Service History and Merchandising **4 credit(s)**
- FNS 218 - Embalming I and Thanato-Chemistry **4 credit(s)**
- FNS 220 - Embalming II and Cremation **3 credit(s)**
- FNS 297 - Funeral Service Internship **5 credit(s)**
- FNS 298 - Funeral Service Seminar **3 credit(s)**

Total Credits in the Program: 65

Health Science, A.S.

The Associate of Science in Health Science program introduces students to the fundamental concepts of health science and prepares the graduate for entry-level work in the healthcare field. Students work closely with an academic advisor to determine their individual professional goals and develop a plan of study to meet those goals.

Students interested in pursuing a career in Medical Billing and Coding can simultaneously pursue a certificate in this area, while earning an associate degree in Health Science. In addition, students who complete their certificate in Medical Assisting can also apply those credits toward the associate degree in Health Science. Students should meet with their academic advisor for more information.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate effective written and verbal communication skills that represent competence and professionalism in the healthcare field.
2. Identify the ethical, legal, and regulatory framework of the healthcare industry.
3. Identify and describe the different roles of health professionals.
4. Demonstrate an understanding of critical thinking skills used in healthcare.
5. Appreciate and embrace diversity, differing belief and value systems, as well as appreciate individual opinions within the healthcare environment.
6. Develop self-directed learning skills needed for independent and lifelong learning.
7. Effectively use information technology to participate in learning activities.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Health Science major core requirements with a minimum cumulative GPA of 2.0.

Curriculum

General Education Core Requirements - 21-22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective **Credit(s): 3**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- Science (BIO, CHEM, SCI) **Credit(s): 3-4**
- Social Science (PSY or SOC) **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**
- General Education Elective **Credit(s): 3**

Health Science Major Core Requirements - Select Three (3) Courses - 9 Credits

- HSC 101 - Introduction to Healthcare **3 credit(s)**
- HSC 105 - Medical Terminology **3 credit(s)**
- HSC 111 - Medical Law and Ethics **3 credit(s)**
- HSC 120 - Health and Wellness **3 credit(s)**
- HSC 218 - Interprofessional Learning and Collaboration in Healthcare **3 credit(s)**
- SOC 320 - Health and Social Issues in Aging **3 credit(s)**

Health Science Electives - 12 Credits

- Health Science Electives **Credit(s): 12***

*Health Science Elective credits may be from courses contain the following prefixes: BIO, CHEM, CLN, DHP, FNS, LPN, HSC, MCD, MED, NUR, OTA, PBH, and RSP.

Open Electives - 18 Credits

- OPEN Elective **Credit(s): 18**

Total Credits in the Program: 60-61

Healthcare Support Technician

Program Description

The Healthcare Support Technician program provides students with the opportunity to perform multiple functions in more than one healthcare-related discipline, while working toward completion of an Associate of Science in Healthcare Support Technician degree. Students will develop a variety of professional and practical skills specific to the healthcare field, including active listening and adaptability, critical thinking and problem solving, and ethical conduct and compliance. This program will help prepare students for a career in a variety of healthcare fields such as Phlebotomy, Electrocardiogram Technician, Nurse's Aide, Patient Care Associate, Medical Office Management and more.

The Healthcare Support Technician program offers students a flexible curriculum designed to meet the changing needs of the healthcare field. To complete the associate degree requirements, students combine certificate program coursework (chosen from the listed certificates) with core technical coursework in areas such as science, medical terminology, and professional standards. Students may also opt to focus on completing a certificate(s) before entering the workforce. This program provides students with the opportunity to exit the program after successfully completing a certificate(s) or complete the program to earn the associate degree.

Program Learning Outcomes

Upon successful completion of all requirements, students will be able to:

1. Perform practical skills in healthcare across multiple disciplines to provide competent, safe, and patient-centered care.
2. Demonstrate discipline-specific tasks aligned with industry standards and requirements for certification or licensure in areas such as phlebotomy, electrocardiography, medical office management, and medical assisting.
3. Apply professionalism, ethical behavior, and effective communication within diverse healthcare environments.
4. Identify evolving healthcare practices by utilizing a flexible skill set that supports employment across a variety of entry-level healthcare roles.

Admissions Requirements

1. Complete the application for admission into Goodwin University.
2. If needed, complete certificate program specific applications and application requirements.

Accepted Students

Students will be required to provide documentation of a physical exam (within 2 years) and immunizations prior to starting the program. Student immunizations must remain current throughout the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- Influenza vaccination (within 1 year)
- MMR vaccination or titer
- Varicella vaccination or titer
- Tetanus vaccination (within 7 years)
- Two-step PPD (within 1 year)

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all major core and certificate course requirements with a minimum grade of "C" or higher.

Curriculum

General Education Core Requirements - 22 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX - English Elective Credit(s): 3
- MATH 1XX - Mathematics (MATH) Credit(s): 3
- Science (BIO, CHEM, SCI) Credit(s): 4
- PSY 112 - Introduction to Psychology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) Credit(s): 3
- General Education Elective Credit(s): 3

Healthcare Support Technician Major Core Requirements - 21 Credits

- HSC 101 - Introduction to Healthcare **3 credit(s)**
- HSC 105 - Medical Terminology **3 credit(s)**
- HSC 111 - Medical Law and Ethics **3 credit(s)**

- HSC 120 - Health and Wellness **3 credit(s)**
- PSY 205 - Organizational Behavior **3 credit(s)**
- OPEN Electives* Credit(s): 6
  *Courses can be selected from any courses at the University including course towards a certificate option below.

Certificate Core Requirements - 21 Credits

Students must complete at least 21 credits in any combination of certificates listed below. Some certificates include the same courses; students interested in those certificates would only take the duplicated course once. Some courses may have pre-requisites that are not listed; students should work with their advisor to ensure they complete the requirements of the certificate. Students focused solely on a certificate may need to complete some General Education courses to complete the certificate.

Addiction Counseling Certificate - 18 credits

Pre-requisite courses are required.

- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**
- HSR 235 - Introduction to Substance Use and Co-Occurring Disorders **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**
- HSR 298 - Human Services Internship II **3 credit(s)**
- HSR 493 - Human Services Capstone I **3 credit(s)**
- PSY 215 - Abnormal Psychology **3 credit(s)**

CNA Microcredential - 6 Credits

- PCA 101 - Nursing Assistant Skills **6 credit(s)**

ECG Microcredential - 6 Credits

- PCA 112 - Electrocardiogram Practices **3 credit(s)**
- PCA 125 - Advanced Electrocardiogram Practice **3 credit(s)**

Medical Assisting Certificate - 21 Credits

- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 151 - Medical Assisting: The Medical Office and Patient Care **3 credit(s)**
- MED 152 - Medical Assisting: Diagnostic Procedures **3 credit(s)**
- MED 153 - Medical Assisting: Laboratory Procedures **3 credit(s)**
- MED 212 - Pharmacology **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**
- MED 299 - Medical Assisting Internship **3 credit(s)**

Medical Billing & Coding Certificate - 18 Credits

For this certificate only, students must also complete BIO 1XX, HSC 105, CAP 115, HSC 111.

- MCD 213 - CPT®-4 Coding I **3 credit(s)**
- MCD 214 - CPT®-4 Coding II - (CPC) **3 credit(s)**
- MCD 216 - ICD-10-CM Coding **3 credit(s)**
- MCD 220 - Medical Coding Capstone **3 credit(s)**
- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**
- MED 299 - Medical Assisting Internship **3 credit(s)**

Medical Office Management Certificate - 18 Credits

For this certificate only, students must also complete HSC 105 & HSC 111.

- BUS 101 - Introduction to Management **3 credit(s)**
- BUS 115 - Human Resource Management **3 credit(s)**
- BUS 230 - Workforce Planning and Staffing **3 credit(s)**
- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 151 - Medical Assisting: The Medical Office and Patient Care **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**

PCA Certificate (includes CNA, Phlebotomy, & ECG) - 18 Credits

- PCA 101 - Nursing Assistant Skills **6 credit(s)**
- PCA 109 - Principles and Practices of Phlebotomy **3 credit(s)**
- PCA 112 - Electrocardiogram Practices **3 credit(s)**
- PCA 120 - Advanced Phlebotomy Techniques **3 credit(s)**
- PCA 125 - Advanced Electrocardiogram Practice **3 credit(s)**

Phlebotomy Microcredential - 6 Credits

- PCA 109 - Principles and Practices of Phlebotomy **3 credit(s)**
- PCA 120 - Advanced Phlebotomy Techniques **3 credit(s)**

Violence Intervention and Advocacy Certificate - 18 Credits

Pre-requisite courses are required

- HSR 105 - Community Organization and Advocacy **3 credit(s)**
- HSR 222 - Foundations of Helping and Service Delivery **3 credit(s)**
- HSR 297 - Human Services Internship I **3 credit(s)**
- HSR 325 - Case Management: Principles and Practice **3 credit(s)**
- HSR 350 - Crisis Prevention and Intervention **3 credit(s)**

- HSR 410 - Human Trafficking **3 credit(s)**

Total Credits in Program: 64

Medical Assisting, A.S.

The Medical Assistant is a respected, multi-skilled health professional who performs diverse duties in medical offices, clinics, and health centers. The varied skills offered by the program provide the opportunity to work either in the administrative or clinical environment.

The goal of the Medical Assisting program is to prepare competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. This program develops the student's knowledge base and skills by providing a theoretical foundation and by developing the student's ability to perform clinical as well as office and administrative procedures. Courses combine lectures, laboratory sessions, simulations, and assignments to provide students with the knowledge and skills needed to be effective members of the healthcare team. Hands-on practice, along with clinical and work experience is gained during a supervised internship component. Courses are offered on-ground, select courses are offered in a hybrid or online format.

Students are simultaneously enrolled in the Medical Assisting certificate and associate degree programs. Students will first complete the certificate requirements and receive a certificate in Medical Assisting; then graduates will continue in the associate degree program. Upon completion of the certificate program, students are eligible to apply immediately upon graduation for the Certified Medical Assistant (CMA) examination administered by the American Association of Medical Assistants (AAMA). Before graduation, students will be eligible to sit for the Medical Assistant Certification (CCMA) examination administered by the National Healthcareer Association (NHA).

Students interested in pursuing a Bachelor of Science in Health Science can apply the majority of their credits towards that degree. Students should contact the Health Science Program Director for more information.

Admission Requirements

1. Complete the application for admission into Goodwin University. Applicants to the Medical Assisting program must first meet the requirements for admission and be accepted into Goodwin University.
2. Complete the following prerequisite courses with a "C" or higher:
    1. HSC 105 - Medical Terminology
    2. BIO 101 - Concepts in Human Biology
3. Complete the Medical Assisting program application.
4. Interview with the Program Director and/or Practicum Coordinator before admission.

Accepted Students

Medical Assisting students will be required to provide documentation of a Physical Exam (within 2 years) and immunizations prior to starting the program. Student immunizations must remain current throughout the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- Influenza vaccination (within 1 year)
- MMR vaccination or titer
- Varicella vaccination or titer
- Tetanus vaccination (within 7 years)
- Two-step PPD (within 1 year)

Students will be asked to provide confirmation of the following prior to internship:

- Proof of current CPR certification by the American Heart Association for Healthcare Providers/BLS and First Aid
- Proof of professional liability insurance obtained before beginning an internship
- Receipt of confidentiality statement
- Proof of completion of the Health and Safety test from Connecticut Hospital Association (CHA)
- Successfully passing a background check and drug test. Forms are provided by program personnel.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Utilize medical terminology appropriately;
2. Describe the anatomy and physiology of the human body, as well as the related disease processes;
3. Describe legal and regulatory frameworks of healthcare as they relate to the Medical Assistant;
4. Demonstrate computer literacy skills;
5. Effectively engage in written and oral communication as demonstrated through charting and communication with patients and other health professionals;
6. Prepare patients for examination or procedures, and assist the physician with the examination or procedure;
7. Collect and prepare laboratory specimens, as well as perform basic laboratory testing;
8. Perform phlebotomy and other invasive specimen collection techniques; and
9. Perform electrocardiograms and respiratory testing.
10. Identify the knowledge gained through the general education courses and their contribution to career and life learning.

Medical Assisting Program Policies

Policies specific to the Medical Assisting program may be found in the Medical Assisting Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Medical Assisting courses with a minimum grade of "C" or higher.

Curriculum

General Education Core Requirements - 15 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX -English Elective **Credits: 3**
- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**
- MATH 1XX - Mathematics (MATH) **Credit(s): 3**
- Humanities (HIS, PHIL, SPAN, HUM) **Credit(s): 3**

Non-Major Core Requirements - 6 Credits

- HSC 105 - Medical Terminology **3 credit(s)**
- BIO 101 - Concepts in Human Biology **3 credit(s)**

Medical Assisting Major Core Requirements - 30 Credits

- HSC 111 - Medical Law and Ethics **3 credit(s)**
- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 151 - Medical Assisting: The Medical Office and Patient Care **3 credit(s)**
- MED 152 - Medical Assisting: Diagnostic Procedures **3 credit(s)**
- MED 153 - Medical Assisting: Laboratory Procedures **3 credit(s)**
- MED 212 - Pharmacology **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**
- MED 299 - Medical Assisting Internship **3 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- OPEN Elective Credit(s): 9

Total Credits in the Program: 60

Nursing, A.S.

The Associate of Science in Nursing (ADN) program consists of class work and clinical practice in a variety of healthcare facilities, which will provide nursing graduates with the skills to function effectively in today's healthcare industry. It includes the opportunity for personal growth through the inclusion of liberal arts and science courses. The general education courses are supportive to the nursing courses.

The ADN program is an organized program of study that combines general education courses from the biological, social and behavioral sciences and the humanities, with courses in the theory and practice of nursing. The program develops the student in the process of nursing, promotes critical thinking, fosters the development of moral and ethical professional behaviors, and promotes continued self-development and personal and professional growth.

The ADN program is designed as a progression of courses of increasing complexity that build upon one another. Therefore, the courses must be taken in the prescribed sequence. If a student fails a nursing course, (s)he may repeat it one time. However, only one course may be taken twice. If a student's clinical attendance and/or performance are deemed unsatisfactory by the faculty, (s)he is at risk of failing the course. A positive drug screen will preclude admission consideration unless justified through physician documentation as being "medically necessary".

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Practice within the ethical, legal and regulatory frameworks and scope of practice for registered nurses;
2. Utilize critical thinking and information technology, to plan and implement culturally appropriate client care which is safe and holistic;
3. Engage in therapeutic and professional communication skills with all members of the healthcare team including the client/patient/family to meet client/patient/family centered goals;
4. Utilize a process of self-evaluation that fosters personal and professional growth and contributes to lifelong learning;
5. Demonstrate the ability to use evidence-based practices and quality-improvement methods to facilitate the delivery of safe and appropriate client/patient care; and
6. Articulate their role and responsibility in the larger system of health care.

Admission Requirements

Only students admitted to the program may enroll in nursing courses. It is important to note that not all qualified candidates can be offered admission to the nursing program due to the limited number of seats available. Prospective nursing applicants are strongly advised to attend a Health Science Information Session conducted by the university. Please call the Admissions Office at 800.889.3282 for dates and times of upcoming sessions. Students may enter the university at any time to complete the prerequisites required for admission.

Consideration for admission is based upon completion of nursing prerequisites. All prerequisites must be completed before enrolling in NUR 100. Final selection is based on a Point System described at the end of this section. Students may apply to the nursing program for a total of six (6) attempts. Any submitted applications that do not meet the minimum required GPA and the required score on the TEAS examination will not be considered.

Program Admission

1. Complete the application for admission into Goodwin University. Applicants to the nursing program must first meet the prerequisites for admission and be accepted into Goodwin University.
2. Complete the Nursing Program Application.
    1. Official college transcripts are required with the application. Transcripts are used as proof of education level for the admission point system or for official transfer credit to transfer in the prerequisite courses required for admission. If the transcripts have already been provided to the Registrar, the nursing department will retrieve copies.
    2. Take the TEAS examination being used for pre-admission. This examination is administered off campus three times a year (January, May and September). The cost of the exam is the responsibility of the applicant. Students may only register for the exam when they are submitting an application. It is the student's responsibility to follow the deadlines and instructions posted on the application. All questions regarding exam registration dates and deadlines must be directed to the Nursing Department or the ATI exam administrator. They are also accessible in the Goodwin University ADN application. Students may only attempt the TEAS pre-entrance examination one time per semester for a total of four (4) attempts. Students must attain the pre-determined minimum score of 58.7% at the time the student applies to be considered for admission. Students must complete or have already completed BIO 212 - Anatomy & Physiology II in the semester (s)he registers for the TEAS pre-entrance exam.
    3. Earn a minimum GPA of 2.7 in the most recent university course work. University GPA is based on a minimum of 12 completed credits at Goodwin University. GPAs are not rounded.
    4. Complete the required General Education courses listed in the program curriculum adhering to all graduation grade requirements.
    5. Complete the Goodwin University math general education graduation requirement with MATH 125 or equivalent with a minimum grade of "C" or higher.
    6. Complete CHEM 101 - Chemistry or equivalent with a minimum grade of "C" or higher to fulfill the requirements to enroll in BIO 211 - Anatomy & Physiology I.
    7. Complete the following prerequisite courses with a minimum grade of "C+" or higher, prior to applying to the nursing program:

1. BIO 211 - Anatomy & Physiology I or equivalent, completed within the last five years.
2. BIO 212 - Anatomy & Physiology II or equivalent, completed within the last five years.
3. BIO 235 - Microbiology or equivalent, completed within the last ten years.

Any prerequisite courses transferred from another college must be equivalent to Goodwin University courses and must meet the grade requirement of "C" except BIO 211, BIO 212, BIO 235 or equivalent which must meet a grade requirement of "C+".

Applicants will be notified of acceptance in advance of the registration period for the following semester.

Point System

Nursing applicants who have satisfied all of the admission criteria will be selected according to the point system as specified below:

Previous College Education	**Score**
Associate Degree or >60 Credits	2
Bachelor's Degree	3
Master's Degree	4
Completion of courses taken at Goodwin University	
1 course	1
2 courses	2
3 courses	3
4 courses	4
5 courses	5
6 courses	6
7 courses	7

Cumulative GPA (applicable for Goodwin University courses only, based on a minimum of 12 credits)

2.7 - 3.0	1
3.1 - 3.4	2
3.5 - 3.8	3
3.9 - 4.0	4
Composite Score on Pre-Admission Test	
58.7% - 62.9%	1
63.0% - 67.1%	2
67.2% - 71.3%	3
71.4% - 75.5%	4
75.6% - 79.7%	5
79.8% - 83.9%	6
84.0% - 88.1%	7
88.2% - 92.3%	8
92.4% - 96.5%	9
96.6% - 100%	10
Total Possible Points	**25**

Accepted Students

Once accepted, students are required to:

- Submit a $500 non-refundable tuition deposit to hold their place in the program.
- Submit a medical evaluation and proof of all required vaccinations. Please see the ADN Student Handbook on the Goodwin University website for specific requirements.
- Maintain professional organization memberships and certifications. Please see the ADN Student Handbook on the Goodwin University website for specific requirements.
- Submit to a background check and drug screening.
    - Program fees cover the cost of both initial tests. However, if the drug screen result is "negative dilute", the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by a physician, will prevent the

student from entering the program. Students will be notified if the background check reveals any criminal record that might interfere with future licensure. In the event that a background check is positive, the department will make two additional attempts to place the student in an alternative facility. If neither of the two further attempts yield a placement for the student, (s)he will not be permitted to enter with the program. Students are advised to take this into consideration upon initial receipt of the results of their background check.

- Fees associated with the background check increase with residency in more than one state and any additional surnames and those additional fees are covered by the student. Further, some pediatric clinical sites require a second background check and this additional cost is covered by those students required to comply. These fees are paid directly to the vendor by the student. Not performing this second background check will impact the student's ability to attend specific pediatric clinicals.

The Connecticut Articulation Model

The Connecticut Articulation Model, developed by the Connecticut League for Nursing (CLN), provides the mechanism for licensed practical nurses (LPNs) and registered nurses (RNs) to continue their education.

LPNs who currently hold an unencumbered CT license and are accepted into the Goodwin University Associate Degree in Nursing Program may take a three-credit "Bridge" course developed by the CLN and administered through Charter Oak College via distance learning. This is followed by a one-credit course at Goodwin University to validate clinical and other nursing skills. The LPN who successfully completes both these courses is awarded 12 credits and will begin the nursing courses with NUR 200. LPN applications are accepted for the Spring and Summer semesters. LPNs adhere to the same admission point system as other applicants. No more than eight (8) candidates will be accepted for admission to the January and May semesters.

The LPN student's license must remain unencumbered for the duration of the time (s)he is in the program. It is the student's responsibility to immediately report any change in the status of his/her LPN license to the program director. If a student's license becomes suspended or terminated, (s)he must take a leave of absence from the program until the license is reinstated or as determined by the program director.

For more information on the Connecticut Articulation Program and how it is implemented at Goodwin University, please contact the Nursing Department.

Nursing Department Policies

Policies specific to the Associate Degree in Nursing program may be found in the Associate Degree in Nursing Student Handbook.

Graduation Requirements

The following requirements must be met in order to graduate from the nursing program:

1. Completion of the course requirements. Prerequisite courses must be completed with a "C" or higher except for specific science courses which require a "C+" or higher.
2. Completion of ADN coursework with an academic average of at least 2.3 (C+) within the maximum time frame (no greater than six (6) semesters);
3. Fulfillment of all financial obligations to the University.

Graduation from the program does not guarantee passing the NCLEX-RN® licensing exam. If a student in the program has a felony record, the Department of Public Health will determine their eligibility to take the NCLEX-RN® when the student applies to take the exam. The university has no responsibility for making this decision. Students may access the State Board of Nursing website for additional information.

Time Required to Complete the Associate Degree Program

As a full-time student (12-15 credits/semester) or a part-time student (6-8 credits/semester), five semesters are required to complete the prerequisite science courses. The University permits students to take one (1) science course per semester unless approved by the Program Director or designee. The full-time students will take additional required general education courses with their last two (2) science courses that are applicable to the BSN program to maintain their full-time status. Part-time students must pair a general education course with each science course to be eligible for Financial Aid.

The nursing courses are only offered on a part-time basis, one (1) per semester for each of the five (5) courses. *As a result, whether the student is full-time or part-time it will require ten (10) semesters to attain the Associate Degree in Nursing which equates to three (3) years and four (4) months.

*The first four semesters (NUR 100, 110, 200 and 210) are part-time (6-8 credits), and the last semester NUR 220 is three quarter time (9-11 credits). An exception is that students could be full time in the associates degree program when general education requirements are taken with a nursing course.

Curriculum

General Education Core Requirements - 18 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX -English Elective **Credits: 3**

- PSY 112 - Introduction to Psychology **3 credit(s)**
- PSY 212 - Lifespan Development **3 credit(s)**
- SOC 101 - Introduction to Sociology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) **Credits: 3**

Science Core Requirements - 12 Credits

- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**

Nursing Major Core Requirements - 35 Credits

- NUR 100 - Nursing Skill Development **6 credit(s)**
- NUR 110 - Adults and the Wellness Continuum I **6 credit(s)**
- NUR 200 - Adults and the Wellness Continuum II **7 credit(s)**
- NUR 210 - Families and the Wellness Continuum **7 credit(s)**
- NUR 220 - Integration of Nursing Practice: Adults with Complex Health Problems **9 credit(s)**

Total Credits in the Program: 65

Radiography, A.S.

The Associate of Science in Radiography program equips students with the knowledge, technical skills, and professional behaviors required for a successful career as a radiographer/radiologic technologist. Graduates are prepared to operate x-ray and fluoroscopic equipment, ensure image quality through quality control processes, apply radiation safety principles to protect themselves, patients, and others, assess patient condition prior to each procedure, and perform a wide range of diagnostic imaging procedures.

Graduates are eligible to sit for the American Registry of Radiologic Technologists (ARRT) certification exam in radiography, a key step toward licensure and employment. Career opportunities include positions in hospitals, outpatient centers, physician offices, and community health agencies.

Students who complete the associate degree may choose to continue their education and pursue a Bachelor of Health Science or other advanced studies in health care.

Program Learning Outcomes

Upon successful completion of all requirements, students will be able to:

1. Perform radiologic examinations efficiently and competently including patient positioning, equipment, and quality of digital imaging.
2. Determine appropriate exposure factors to produce radiographic images for use during routine radiologic examinations.
3. Apply appropriate radiation safety practices for self, patients and others.
4. Demonstrate critical thinking and problem solving to complete radiographic procedures.
5. Demonstrate effective communication skills with patients and members of the health care team, while showing respect for individual values and beliefs.
6. Utilize mathematical concepts and problem-solving skills to calculate exposure parameters, access image quality, and address challenges during radiographic procedures.

Admission Requirements

The following are the admission requirements for students applying to the Radiography program. Meeting minimum requirements does not guarantee admission into the program due to the limited number of spaces available. Admission is based upon completion of the radiography program prerequisites and other requirements. If courses are in progress, acceptance will be conditional upon submission of an official transcript immediately upon completion. All requirements must be completed before enrolling in RAD 110.

1. Complete the application for admission into Goodwin University. Applicants to the Radiography program must first meet the requirements for admission and be accepted into Goodwin University.
2. Complete the Radiography program application.
3. Submit a signed attestation verifying that the applicant possesses the ability to perform the tasks as outlined in the *Essential Functions of a Radiologic Technologist/Radiographer*.
4. Earn a minimum GPA of 2.7 in the most recent course work. College GPA is based on a minimum of 12 completed credits.
5. Complete (or be in the process of completing) all the general education courses, except the humanities elective, and all non-major core courses at the time of application to the Radiological Technician program.
6. Complete or transfer the following prerequisite courses within the last 5 years with a grade of "C" or better:
    1. CHEM 101 Chemistry
    2. Math 1XX College Algebra
7. Complete the following prerequisite courses within the last 5 years with a grade of "C+" or better:
    1. BIO 211 Anatomy & Physiology I

Note: BIO 120 - Human Biology with a laboratory component or equivalent is a prerequisite for BIO 211.

b. BIO 212

Point System

Radiography program applicants who have satisfied all the admission criteria will be selected according to the point system as specified below:

Previous University Education	**Score**
Associate degree or >60 credits	3
Bachelor's degree	4
Master's degree	5
Completion of Courses Taken at Goodwin University	
1 course	1
2 courses	2
3 courses	3
4 courses	4
5 courses	5
6 courses	6
7 courses	7
Cumulative GPA (applicable for Goodwin University courses only, based on a minimum of 12 credits)	
2.7 - 3.0	2
3.1 - 3.4	3
3.5 - 3.8	4
3.9 - 4.0	5
Total Possible Points	**17**

* Cumulative GPA of 2.7 or higher from coursework completed the closest date of application to the Radiography program either from another accepted institution or Goodwin University. College GPA is based on a minimum of 12 completed credits.

Accepted Students

Radiological Technician students will be required to purchase the computer application used to document the results of all required health compliance items including:

- Physical examination
- Immunizations
    - Hepatitis vaccine or titer
    - Influenza vaccine (within 1 year, annually while enrolled in program)
    - MMR vaccination or titer
    - Varicella vaccination or titer
    - Tetanus vaccination (within 7 years)
    - Two-step PPD vaccination (within 1 year and annual while enrolled in program)
    - Current covid vaccine is recommended but not required
- Background check
- Drug testing
- CPR certification through the American Heart Association

Students will be responsible for maintaining up to date health documentation throughout their enrollment in the program. Failure to maintain current documentation will result in dismissal from the program.

Students must earn a minimum grade of C+ (77-79%) or higher to remain in the program.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must completed all Radiography core courses with a minimum grade of "C+".

Curriculum

General Education Core - 22 Credits

- ENG 101 - English Composition **3 credit(s)**
  ENG 1XX - English Elective Credit(s): 3 **Credits / Units:** 3
- MATH 147 - College Algebra **3.0 credit(s)**
- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- COM 105 - Interpersonal Communications **3 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**
  Humanities - Humanities Elective Credit(s): 3 **Credits / Units:** 3

Non-Major Core Requirements - 11 credits

- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- CHEM 101 - Chemistry **4 credit(s)**
- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**

Radiography Major Courses - 47 credits

- RAD 110 - Patient Care & Ethics **3 credit(s)**
- RAD 115 - Imaging/Exposure I **3 credit(s)**
- RAD 120 - Radiographic Procedures I with Lab **4 credit(s)**
- RAD 130 - Radiographic Procedures II with Lab **4 credit(s)**
- RAD 150 - Physics of Image Production **3 credit(s)**
- RAD 180 - Radiographic Clinical I **1 credit(s)**
- RAD 185 - Radiographic Clinical II **1 credit(s)**
- RAD 190 - Radiographic Clinical III **2 credit(s)**
- RAD 210 - Imaging/Exposure II **3 credit(s)**
- RAD 220 - Radiographic Pathology **3 credit(s)**
- RAD 240 - Radiographic Procedures III With Lab **4 credit(s)**
- RAD 250 - Imaging/Exposure III **3 credit(s)**
- RAD 260 - Radiobiology and Radiation Protection **3 credit(s)**
- RAD 280 - Radiography Clinical IV **3 credit(s)**
- RAD 285 - Radiography Clinical V **3 credit(s)**
- RAD 290 - Radiography Seminar/ Capstone **4 credit(s)**

Total Credits in the Program: 80

Respiratory Care, A.S.

The objective of the Associate of Science in Respiratory Care program is to prepare graduates who are qualified and eligible to take the entry-level examination and the advanced practitioner level examination for Respiratory Care Practitioners given by the National Board of Respiratory Care and to assume entry-level positions as competent respiratory care practitioners. Upon completion of the program and licensure, graduates will have the necessary skills and knowledge to secure employment as registry-eligible respiratory care practitioners.

Students interested in pursuing a Bachelor's in Health Science can apply the majority of their credits towards this degree. Students should contact the Health Science Program Director for more information.

Admission Requirements

The following are the admission requirements for students applying to the Respiratory Care program. Meeting minimum requirements does not guarantee admission into the program due to the limited number of seats available. Admission is based upon completion of the respiratory care prerequisites and other requirements. If courses are in progress, acceptance will be conditional upon submission of an official transcript immediately upon completion. All requirements must be completed before enrolling in RSP 112 - Principles of Respiratory Care.

1. Complete the application for admission into Goodwin University. Applicants to the Respiratory Care Program must first meet the requirements for admission and be accepted into Goodwin University.
2. Complete the Respiratory Care Program Application.
3. A signed attestation that applicant possesses the ability to perform the tasks as stated in the Essential Functions of a Respiratory Therapist.
4. Earn a minimum GPA of 2.7 in the most recent course work. College GPA is based on a minimum of 12 completed credits.
5. Complete all prerequisite courses.
6. Complete the following prerequisite courses or equivalent with a grade of "C" or higher:
    1. CHEM 1XX - Chemistry Elective with a laboratory component
    2. MATH 1XX - Mathematics Elective
7. Complete the following prerequisite courses or equivalent with a grade of "C+" or higher:
    1. BIO 211 - Anatomy & Physiology I completed within the last five years.
        1. Note: BIO 120 - Human Biology with a laboratory component or equivalent is a prerequisite for BIO 211.
    2. BIO 212 - Anatomy & Physiology II completed within the last five years.
        1. Note: Applicants meeting all other requirements can be admitted conditionally without completing BIO 212. However, this course must be successfully completed prior to starting the respiratory care program.
    3. BIO 235 - Microbiology completed within the last ten years.
8. Interview with the Program Director.
9. Personal essay.

Point System

Respiratory Care applicants who have satisfied all of the admission criteria will be selected according to the point system as specified below:

Previous University Education	**Score**
Associate Degree (60 Credits)	1
Bachelor's Degree	3
Master's Degree	5

Cumulative GPA	
2.7 - 3.0	1
3.1 - 3.4	2
3.5 - 3.8	3
3.9 - 4.0	4
Personal Essay	up to 5 points
Interview	up to 5 points
Total Possible Points	**19**

Accepted Students

Respiratory Care students are required to provide documentation of a Physical Exam (within 2 years) and immunizations prior to starting the program. Student immunizations must remain current throughout the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- Influenza vaccination (within 1 year)
- MMR vaccination or titer
- Varicella vaccination or titer
- Tetanus vaccination (within 7 years)
- Two-step PPD vaccination (within 1 year)

All students must provide proof of CPR certification by the American Heart Association prior to starting the program.

All students must successfully pass a background check and drug test before official acceptance into the Respiratory Care Program will be granted. Forms are provided by program personnel.

Program Goals

To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by Registered Respiratory Therapists (RRT).

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate proficiency as a respiratory care practitioner, as described by the National Board of Respiratory Care and the Commission on Accreditation for Respiratory Care;
2. Assist physicians in diagnosis, management, and treatment of patients affected by cardiopulmonary disorders;
3. Demonstrate the ability to apply and evaluate information relevant to his/her role as a respiratory care practitioner;
4. Demonstrate technical proficiency in all skills necessary to fulfill the role as a respiratory care practitioner;
5. Demonstrate professional behaviors consistent with employer expectations for a respiratory care practitioner; and
6. Demonstrate basic competencies in alternate care site (i.e., homecare, rehabilitation centers, and long-term mechanical ventilator centers).

Respiratory Care Program Policies

Policies specific to the Respiratory Care program may be found in the Respiratory Care Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all Respiratory Care Core courses with a minimum grade of "C".

Curriculum

General Education Core Requirements - 19 Credits

- ENG 101 - English Composition **3 credit(s)**
- ENG 1XX -English Elective **3 credit(s)**
- MATH 1XX - Mathematics Elective **Credit(s): 3**
- BIO 211 - Anatomy & Physiology I **4 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**
- Humanities (HIS, PHIL, SPAN, HUM) Elective **Credit(s): 3**

Non-Major Core Requirements - 12 Credits

- BIO 212 - Anatomy & Physiology II **4 credit(s)**
- BIO 235 - Microbiology **4 credit(s)**
- CHEM 101 - Chemistry **4 credit(s)**

Respiratory Major Core Requirements - 40 Credits

- PHY 110 - Medical Physics **3 credit(s)**
- RSP 110 - Cardiopulmonary Anatomy & Physiology **3 credit(s)**
- RSP 112 - Principles of Respiratory Care **4 credit(s)**
- RSP 120 - Applied Pharmacology **3 credit(s)**
- RSP 124 - Respiratory Diagnostics and Therapeutics **3 credit(s)**
- RSP 133 - Principles of Mechanical Ventilation **4 credit(s)**
- RSP 153 - Clinical I **1 credit(s)**
- RSP 154 - Clinical II **2 credit(s)**
- RSP 223 - Fundamentals of Critical Care **3 credit(s)**
- RSP 231 - Cardiopulmonary Pathophysiology I **3 credit(s)**
- RSP 234 - Respiratory Capstone **3 credit(s)**
- RSP 253 - Clinical III **2 credit(s)**
- RSP 254 - Clinical IV **3 credit(s)**
- RSP 262 - Neonatal and Pediatric Respiratory Care **3 credit(s)**

Total Credits in the Program: 71

Certificate

Medical Assisting Certificate

The Medical Assistant is a respected, multi-skilled health professional who performs diverse duties in medical offices, clinics and health centers. The varied skills offered by the program provide the opportunity to work either in the administrative or clinical environment.

The goal of the Medical Assisting program is to prepare competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. This program develops the student's knowledge base and skills by providing a theoretical foundation and by developing the student's ability to perform clinical as well as office and administrative procedures. Courses combine lectures, laboratory sessions, simulations, and assignments to provide students with the knowledge and skills needed to be effective members of the healthcare team. Hands-on practice, along with clinical and work experience is gained during a supervised internship component. Courses are offered on-ground, select courses are offered in a hybrid or online format.

Students are simultaneously enrolled in the Medical Assisting certificate and associate degree programs. Students will first complete the certificate requirements and receive a certificate in Medical Assisting; then graduates will continue in the associate degree program. Upon completion of the certificate program, students are eligible to apply immediately upon graduation for the Certified Medical Assistant (CMA) examination administered by the American Association of Medical Assistants (AAMA). Before graduation, students will be eligible to sit for the Medical Assistant Certification (CCMA) examination administered by the National Health Career Association (NHA).

Students interested in pursuing a Bachelor of Science in Health Science or Associate of Science in Medical Assisting can apply the majority of their Medical Assisting credits towards that degree. Students should contact the Health Science Program Director for more information.

Admission Requirements

1. Complete the application for admission into Goodwin University. Applicants to the Medical Assisting program must first meet the requirements for admission and be accepted into Goodwin University.
2. Complete the following prerequisite courses with a "C" or higher:
    1. HSC 105 - Medical Terminology
    2. BIO 101 - Concepts in Human Biology
3. Complete the Medical Assisting program application
4. Interview with the Program Director and/or Practicum Coordinator before admission.

Accepted Students

Medical Assisting students will be required to provide documentation of a physical exam (within 2 years) and immunizations prior to starting the program. Student immunizations must remain current throughout the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- Influenza vaccination (within 1 year)
- MMR vaccination or titer
- Varicella vaccination or titer
- Tetanus vaccination (within 7 years)
- Two-step PPD (within 1 year)

Students will be asked to provide confirmation of the following prior to the internship:

- Proof of current CPR certification by the American Heart Association for Healthcare Providers/BLS and First Aid
- Proof of professional liability insurance obtained before beginning an internship
- Receipt of confidentiality statement
- Proof of completion of the Health and Safety test from Connecticut Hospital Association (CHA)
- Successfully pass a background check and drug test prior to the start of their internship. Forms are provided by program personnel.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Utilize medical terminology appropriately;

2. Describe the anatomy and physiology of the human body, as well as the related disease processes;
3. Describe legal and regulatory frameworks of healthcare as they relate to the Medical Assistant;
4. Demonstrate computer literacy skills;
5. Effectively engage in written and oral communication as demonstrated through charting and communication with patients and other health professionals;
6. Prepare patients for examination or procedures, and assist the physician with the examination or procedure;
7. Collect and prepare laboratory specimens, as well as perform basic laboratory testing;
8. Perform phlebotomy and other invasive specimen collection techniques; and
9. Perform electrocardiograms and respiratory testing.

Medical Assisting Program Policies

Policies specific to the Medical Assisting program may be found in the Medical Assisting Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all major core course requirements with a minimum grade of "C" or higher.

Curriculum

- HSC 111 - Medical Law and Ethics **3 credit(s)**
- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 151 - Medical Assisting: The Medical Office and Patient Care **3 credit(s)**
- MED 152 - Medical Assisting: Diagnostic Procedures **3 credit(s)**
- MED 153 - Medical Assisting: Laboratory Procedures **3 credit(s)**
- MED 212 - Pharmacology **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**
- MED 299 - Medical Assisting Internship **3 credit(s)**
- PSY 112 - Introduction to Psychology **3 credit(s)**

Total Credits in the Program: 30

Medical Billing and Coding Certificate

Medical Billing and Coding is a challenging and rapidly growing area of healthcare. With today's advancements in medicine and technology and increasing government regulations, this field offers many career avenues for the individual with a medical billing and coding education.

Medical Coding is the practice of assigning specific numeric and alpha-numeric codes to medical services, procedures, and diagnoses in order to submit claims to insurance companies including Medicare and Medicaid, in order to receive payment for services provided by a licensed healthcare professional. Medical Billers and Coders function as medical reimbursement consultants to medical practices, physician billing services, insurance companies, software companies, healthcare agencies, consulting firms, and State and Federal Government agencies.

The objective of the certificate in Medical Billing and Coding is to provide students with a solid academic foundation in the areas of procedural and diagnostic coding, utilization of medical software, accounts receivable, insurance claims submission and management, electronic medical records (EMR), HIPAA compliance, health insurance guidelines and insurance fraud issues.

Graduates of the program are prepared and encouraged to sit for the Certified Professional Coder (CPC) exam given by the American Academy of Professional Coders (AAPC).

Students interested in pursuing an Associate or Bachelor of Science in Health Science can apply the majority of their credits towards these degrees. Students should contact the Health Science Program Director for more information.

Admission Requirements

1. Complete the application for admission into Goodwin University. Applicants to the Medical Billing and Coding program must first meet the requirements for admission and be accepted into Goodwin University.
2. Completion of the following prerequisite courses with a minimum grade of a "C" or higher:
    1. HSC 105 - Medical Terminology
    2. BIO 1XX - Biology Elective
3. Complete the Medical Billing and Coding program application
4. Interview with the Program Director and/or Academic Advisor for Medical Billing and Coding before admission.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Demonstrate the ability to successfully process medical insurance claims both manually and electronically;
2. Demonstrate the ability to analyze all medical reports to properly identify all procedures and diagnoses;
3. Demonstrate accurate coding of procedures and diagnoses utilizing resources such as, CPT-4, ICD-10-CM, and HCPCS;
4. Apply knowledge of the medical insurance industry by accurately recording co-payments, deductibles, coinsurance, and risk withholds;

5. Demonstrate knowledge and adherence to HIPAA regulations;
6. Demonstrate coding skills by preparing to take the Certificated Professional Coding exam through the American Academy of Professional Coders (AAPC).

Graduation Requirements

Students must complete all the graduation requirements as stated in the catalog. Students must complete the following programmatic graduation requirements:

1. Complete all MCD core courses and MED 115 with a "C" or higher.
2. Completion of a 3-credit elective internship (MCD 299) or Medical Law & Ethics (HSC 111).

Curriculum

Non-Major Core Requirements - 6 credits

- BIO 1XX - Biology **Credit(s): 3**
- HSC 105 - Medical Terminology **3 credit(s)**

Medical Billing and Coding Major Core Requirements - 24 credits

- CAP 115 - Learning and Working Through Digital Technologies **3 credit(s)**
- MED 115 - Introduction to Medical Insurance and Coding **3 credit(s)**
- MED 250 - Medical Office Management **3 credit(s)**
- MCD 213 - CPT®-4 Coding I **3 credit(s)**
- MCD 214 - CPT®-4 Coding II - (CPC) **3 credit(s)**
- MCD 216 - ICD-10-CM Coding **3 credit(s)**
- MCD 220 - Medical Coding Capstone **3 credit(s)**
- MCD 299 - Medical Billing and Coding Internship **3 credit(s)**
  OR
- HSC 111 - Medical Law and Ethics **3 credit(s)**

Total Credits in the Program: 30

Patient Care Associate Certificate

The Patient Care Associate (PCA) program prepares individuals to become essential members of a healthcare team, delivering competent patient-centered care across a variety of clinical settings. This comprehensive training combines foundational nursing assistant skills with instruction in phlebotomy and electrocardiography (EKG), enhancing graduates' employability and their ability to become professionals in a health care setting.

Program Learning Outcomes

Upon successful completion of this program, graduates will be able to:

1. Practice safe, person-centered care by assisting patients with activities of daily living (ADLs), promoting comfort, dignity, and overall wellness across the lifespan.
2. Identify infection control and safety protocols in accordance with OSHA, CDC, and Joint Commission standards.
3. Perform essential clinical procedures, including monitoring vital signs, providing ostomy and catheter care, and assisting with feeding tube maintenance, following scope of practice.
4. Demonstrate phlebotomy techniques, including venipuncture, specimen collection, and handling in compliance with regulatory and safety standards.
5. Operate electrocardiogram (EKG) equipment accurately and identify common cardiac rhythms, abnormalities, and technical artifacts.
6. Demonstrate professionalism and ethical behavior in all interactions, ensuring clear communication, respect for diversity, patient confidentiality (HIPAA), and adherence to the Patients' Bill of Rights.

Admission Requirements

Complete the application for admission into Goodwin University.

Accepted Students

PCA students will be required to provide immunizations prior to starting the program. Immunization requirements include:

- Hepatitis B vaccination or titer
- Influenza vaccination (within 1 year)
- MMR vaccination or titer
- Varicella vaccination or titer
- Two-step PPD (within 1 year)

Students will be asked to provide confirmation of the following prior to clinical:

- Proof of current CPR certification by the American Heart Association for Healthcare Providers/BLS and First Aid
- Receipt of confidentiality statement
- Successfully passing a background check and drug test.

PCA Program Policies

Policies specific to the PCA program may be found in the PCA Student Handbook.

Graduation Requirements

Students must complete all the general graduation requirements as stated in the catalog. Students must complete all PCA courses with a minimum grade of "C" or higher.

Curriculum

Semester 1

- PCA 101 - Nursing Assistant Skills **6 credit(s)**
- PCA 103 - Patient Care Associate Internship **6 credit(s)**

Semester 2

- PCA 104 - Patient Care Associate Internship II **6 credit(s)**
- PCA 109 - Principles and Practices of Phlebotomy **3 credit(s)**
- PCA 120 - Advanced Phlebotomy Techniques **3 credit(s)**

Semester 3

- PCA 112 - Electrocardiogram Practices **3 credit(s)**
- PCA 116 - Patient Care Associate Internship III **6 credit(s)**
- PCA 125 - Advanced Electrocardiogram Practice **3 credit(s)**

Total Credits in the Program 36

Practical Nurse

The 67-credit Practical Nursing (PN) program prepares individuals with the knowledge and skills needed to become entry-level Practical Nurses. Goodwin's PN program prepares students for licensure and to work in the state of CT. Current trends in healthcare are affording the Practical Nurse the ability to work in various settings, including physician's offices, clinics, dialysis centers, hospitals, schools, and long-term care settings. Upon successful completion of our Practical Nursing program and passing the National Council of State Boards of Nursing Licensure Examination for Practical Nurses (NCLEX-PN), the Practical Nurse will be able to care for clients of all ages with various health conditions under the supervision of a Registered Nurse (RN) or an Advanced Practice Registered Nurse (APRN).

We offer convenient day and evening classes to meet the individual's lifestyle needs, while students pursue their education to reach their career goals. Students will practice their nursing skills through practice in the hands-on lab and an abundance of clinical opportunities in the

community that allows students to practice their nursing skills to become competent and practice ready to assume their roles as a Practical Nurse.

The Goodwin University PN program is a cohort-based model. Once a student is enrolled in either the full-time or part-time program, they cannot switch to the other program. The curriculum sequencing and pace of study are different for each program.

Program Learning Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Apply nursing principles and theories when implementing a care plan for clients under the direction of and in collaboration with the RN.
2. Assist in evaluating the effectiveness of nursing interventions, using observations and data collection to recommend changes in the care plan.
3. Demonstrate critical judgement in response to emergency situations.
4. Practice appropriate verbal, nonverbal, and written communication, respecting clients, families, and health care team members' diverse cultures, values, and belief systems.
5. Use appropriate principles of priority setting, time management, delegation, and standards of care.
6. Describe legal and ethical rights to advocate for healthcare clients and families.

Admission Requirements

- Complete an application for admission to Goodwin University
- Provide proof of high school diploma, or GED
- Complete the ATI TEAS Exam with a minimum score of 54.7% or higher
- Complete ENG 101, COM 105, MATH 125 or higher, and BIO 101 (5-year expiration)
- Complete the PN application

Practical nursing applicants who have satisfied all of the admission criteria will be selected according to the point system as specified below.

Point System

Course Taken at Goodwin	**Score**
1 course	1
2 courses	2
3 courses	3

4 courses	4
Prerequisite Courses (minimum grade of C required)	**Score: A (100-90) = 3 pts, B (89 - 80) = 2 pts, C (79 - 72) = 1 pt**
MATH 125 or higher	1 - 3
BIO 101 or higher (5-year expiration)	1 - 3
COM 105	1 - 3
ENG 101	1 - 3
TEAS Score (>54.7 to qualify)	**Score**
54.7% - 59.7%	2
59.8% - 64.8%	3
64.9% - 69.9%	4
70.0% - 75.0%	5
75.1% - 80.1%	6
80.2% - 85.2%	7
85.3% - 90.3%	8
90.4% - 95.4%	9
95.5% - 100%	10
Total Possible Points:	**26**

Applicants will be notified of acceptance in advance of the registration period for the following semester.

Accepted Students

Once accepted to the PN program, students are required to:

- Submit a physical exam from a health care provider
- Submit proof of immunizations:
    - MMR (Measles, mumps & rubella)

    - Varicella (Chicken pox)
    - Hepatitis B: the Hepatitis B vaccine series which may be in progress. If a student elects not to have the Hepatitis B vaccine series, a signed declination form must be in his/her file.
    - Tuberculosis (TB)
    - Tetanus, Diphtheria & Pertussis (TDaP)
- Submit proof of the influenza vaccination and COVID-19 vaccination including boosters
- Submit proof of health insurance
- Submit proof of Cardiopulmonary Resuscitation (CPR) certification
- Submit to a background check/drug screen
    - Goodwin University covers the standard costs of these tests through the Navigator's Scholarship for PN certificate. However, any background check expenses that exceed the standard costs will be the responsibility of the student.
    - If the drug screen result is "negative dilute," the student must assume the cost of a second drug screen. A positive drug screen, not substantiated by healthcare provider, will prevent the student from entering the program.
    - Students will be notified if the background check reveals any criminal record that might interfere with future licensure. If a clinical facility prohibits the student from participating in a clinical experience based on this result, the department will make two additional attempts to place the student in an alternative facility. If neither of the two further attempts yields a placement for the student, (s)he will not be permitted to progress with the program.

PN Department Policies

Policies specific to the PN program may be found in the Practical Nurse Student Handbook.

Graduation Requirements

The following requirements must be met to graduate from the PN program:

- Complete all graduation requirements as stated in the catalog.
- Complete all PN courses with a (C) or higher within the maximum period (6-8 semesters).
- Complete a minimum of 1,500 hours in the program (750 hours of clinical time and 750 hours of classroom time).
- Fulfill all financial obligations to the University.

Goodwin's PN program prepares students for licensure and to work in the state of CT. Graduation from the program does not guarantee passing the NCLEX-PN® licensing exam. If a student in the program has a felony record, the Department of Public Health will determine their eligibility to take the NCLEX-PN® when the student applies to take the exam. The university has no responsibility for making this decision.

Curriculum

Full Time Requirements

First Semester - 16 Credits

- PN 100 - Fundamentals in Nursing I **5 credit(s)**
- PN 101 - Professionalism in Nursing **3 credit(s)**
- PN 109 - Growth & Development Across the Lifespan **4 credit(s)**
- CPNF 101 - Clinical Nursing I **4 credit(s)**

Second Semester - 16 Credits

- PN 102 - Fundamentals in Nursing II **4 credit(s)**
- PN 103 - Medical Surgical 1A **3 credit(s)**
- PN 104 - Medical Surgical IB **4 credit(s)**
- CPNF 102 - Clinical Nursing II **5 credit(s)**

Third Semester - 17 Credits

- PN 105 - Pharmacology **3 credit(s)**
- PN 106 - Medical Surgical II **6 credit(s)**
- PN 107 - Mental Health Nursing **3 credit(s)**
- CPNF 103 - Clinical Nursing III **5 credit(s)**

Fourth Semester - 18 Credits

- PN 114 - Medical Surgical IIIA **4 credit(s)**
- PN 115 - Medical Surgical IIIB **3 credit(s)**
- PN 118 - Maternal Nursing **3 credit(s)**
- PN 119 - Pediatric Nursing **3 credit(s)**
- PN 120 - Practical Nurse Capstone **2 credit(s)**
- CPNF 104 - Clinical Nursing IV **3 credit(s)**

Part Time Requirements

First Semester - 10 Credits

- PN 100 - Fundamentals in Nursing I **5 credit(s)**
- PN 101 - Professionalism in Nursing **3 credit(s)**
- CPNP 101 - Clinical Nursing I **2 credit(s)**

Second Semester - 11 Credits

- PN 102 - Fundamentals in Nursing II **4 credit(s)**
- PN 109 - Growth & Development Across the Lifespan **4 credit(s)**
- CPNP 102 - Clinical Nursing II **3 credit(s)**

Third Semester - 9 Credits

- PN 103 - Medical Surgical 1A **3 credit(s)**
- PN 105 - Pharmacology **3 credit(s)**
- CPNP 103 - Clinical Nursing III **3 credit(s)**

Fourth Semester - 7 Credits

- PN 104 - Medical Surgical IB **4 credit(s)**
- CPNP 104 - Clinical Nursing IV **3 credit(s)**

Fifth Semester - 11 Credits

- PN 106 - Medical Surgical II **6 credit(s)**
- PN 107 - Mental Health Nursing **3 credit(s)**
- CPNP 105 - Clinical Nursing V **2 credit(s)**

Sixth Semester - 9 Credits

- PN 114 - Medical Surgical IIIA **4 credit(s)**
- PN 118 - Maternal Nursing **3 credit(s)**
- CPNP 106 - Clinical Nursing VI **2 credit(s)**

Seventh Semester - 10 Credits

- PN 115 - Medical Surgical IIIB **3 credit(s)**
- PN 119 - Pediatric Nursing **3 credit(s)**
- PN 120 - Practical Nurse Capstone **2 credit(s)**
- CPNP 107 - Clinical Nursing VII **2 credit(s)**

Total Credits in the Program: 67

Course Descriptions

The course numbering system has two parts that identify both the discipline and the level of difficulty of the course.

For example: XXX – 000

XXX are the letters of the course specialty such as ENG for English, MED for medical science, BUS for business, etc. 000 are the numbers of the course. Courses beginning with the digit “0” are developmental courses. These are 0-credit courses and do not count towards the credit requirement for a degree. Courses beginning with the digit “1” are credit courses at the introductory level, and courses beginning with the digit “2”, "3", and "4" are advanced-level courses.

Courses may be listed with prerequisites or corequisites. A prerequisite is a course that must be taken prior to enrolling in a specific course . A corequisite is a course that must be taken at the same time as enrolling in a specific course.

Courses are offered in three modalities. Almost all are offered as traditional on-ground courses. Many are also offered online or in a hybrid or blended format. Hybrid courses usually meet a few times on campus during the semester. The remainder of the course work is done in an online format. Course offerings for each semester are published approximately fifteen weeks prior to the beginning of the semester and are listed online in the Student Information System.

Accounting

ACC 101 - Principles of Accounting I

3 credit(s)

This course is an introduction to accounting using the double-entry system with journals, ledgers, worksheets, and financial statements. Students will learn to journalize transactions, post to the general ledger, prepare financial statements and prepare the closing process. This course will prepare students to account for receivables and uncollectible accounts. Through the use of prepared statements and a corporate annual report students will learn the Calculation of Current Ratio, Debt Ratio and other financial statement ratios. It is highly recommended that when taking an ACC course, MATH 1XX or equivalent has been taken.

ACC 110 - Applied Accounting

3 credit(s)

This course is designed to introduce the basic principles of accounting analysis to the non-accounting major. Focusing on the knowledge and skills a manager needs to understand standard financial documents produced by accountants, students will develop an understanding of financial topics including current assets, plant assets, depreciation and the amortization of intangible assets. This course will also discuss accounts receivables, payables, inventory and cost of goods sold. Students will prepare and perform analysis of financial statements. Financial ratios will be introduced as an integrated analysis tool. Students will learn to read and understand an annual report. It is highly recommended that when taking an ACC course, MATH 1XX or equivalent has been taken.

ACC 210 - Principles of Accounting II

3 credit(s)

This course is designed to further the study of generally accepted accounting principles. Accounting for plant and intangible assets, depreciation and amortization, payroll, long-term assets and liabilities will be discussed. The statement of cash flows, partnerships, and corporations will be covered. Students will be assigned a project involving analysis of financial data.

Prerequisite(s): C- or higher in ACC 101

ACC 220 - Managerial Accounting

3 credit(s)

This course provides a basic understanding of the role of accounting information in the business decision-making process. Students will learn to calculate break-even point, target net income, job order and process costing and to use accounting in a manufacturing environment. Students will learn to prepare reports with recommendations to management regarding financial decisions. Using the Master Budget and Preparing Flexible Budget with variance analysis will also be covered. Students who have taken ACC 225 cannot earn credit for this course.

Prerequisite(s): C- or higher in ACC 101

ACC 235 - Accounting Information Systems

3 credit(s)

This course provides an overview of QuickBooks and Sage accounting software. The course will also introduce SAP and Oracle Hyperion accounting software. The course will cover the major points of using QuickBooks and Sage to enter transactions and generate forms and reports. The focus of the course will be to use the tools the software offers and to integrate accounting concepts and principles with the software designed to apply them.

Prerequisite(s): ACC 101 or ACC 110

ACC 299 - Accounting Capstone

4 credit(s)

This course will provide the student with the ability to integrate concepts and skills from prior accounting courses. Students will focus on applying accounting principles and concepts as well as demonstrate proficiency in various accounting software applications. Students are introduced to

fraud prevention and information security as part of the software exercises. Preparation for the Inuit Quickbooks Certified User exam is an important part of this course.

Prerequisite(s): Successful completion of all Accounting program courses or departmental permission

Biology

BIO 100 - Introduction to Human Biology

3 credit(s)

BIO 100 is an optional co-requisite for Human Biology 120 and is taken concurrently. The course content aligns with the Human Biology 120 course to ensure students master that material. Emphasis is placed on scientific literacy, critical thinking skills, and understanding fundamental science principles, processes, and methodologies. BIO 100 is not a standalone course and must be taken with Biology 120

Corequisite(s): BIO 120 is required to be taken at the same time.

BIO 101 - Concepts in Human Biology

3 credit(s)

This 45-hour course provides an overview of the organ systems of the human body and basic concepts of cell biology and structure, including the study of anatomical and physiological interrelationships; organization of cells, tissues and body systems; and structure and function of muscular, skeletal, endocrine, lymphatic, digestive, respiratory, urinary, nervous and reproductive systems. The course covers examples of diseases of each body system as well as the relationship of nutrition and metabolism to the digestive system. This course does not fulfill the requirements for the Nursing, Occupational Therapy and Respiratory Care programs.

BIO 120 - Human Biology

4 credit(s)

This course introduces the principles and concepts of human biology. Topics include the chemical basis and cellular organization of the human body. All organ systems will be discussed, emphasizing how they maintain homeostasis. The lab topics of the course are coordinated with the lecture content. Dissections, microscopic analysis of selected slides, and a review of anatomical models supplement experiments.

BIO 211 - Anatomy & Physiology I

4 credit(s)

This course is a comprehensive study of the structure and function of the human body. Emphasis is placed on the chemical, anatomical, and physiological principles of cells and tissues of the human body as well as the integumentary, muscular, skeletal, and nervous systems. Discussions will include how the interactions among the integumentary, muscular, skeletal, and nervous systems contribute to human health and well-being. Laboratory sessions are coordinated with the lectures and emphasize experimentation and application of the lecture content. Experiments are supplemented by microscopic analysis of selected slides, specimen dissection, chemical experimentation, and review of anatomical models.

Prerequisite(s): BIO 120 and CHEM 101

BIO 212 - Anatomy & Physiology II

4 credit(s)

This course is a comprehensive study of the structure and function of the human body. Emphasis is on the anatomy and physiology of the sensory, endocrine, cardiovascular, respiratory, immune, lymphatic, gastrointestinal, renal, and reproductive systems. Discussion will include how the interactions among the major organ systems contribute to human health and well-being. Laboratory sessions are coordinated with the lectures and emphasize experimentation and application of the lecture content. Experiments are supplemented by dissections, microscopic analysis of selected slides, and a review of anatomical models.

Prerequisite(s): C+ or higher in BIO 211 and completion of CHEM 101

BIO 235 - Microbiology

4 credit(s)

This course is a comprehensive study of microorganisms and the diseases they cause. Topics covered will include the basic characteristics of prokaryotes, eukaryotes, and viruses. Laboratory activities include performing basic microscopy, staining, and identifying select microbial groups. Students will learn to apply various modern biological techniques used for controlling microbial growth and identify microbes on microscopic slides.

Prerequisite(s): BIO 120 and CHEM 101

Business

BUS 101 - Introduction to Management

3 credit(s)

This course provides an introduction to the basic principles of management and its relationship to customer expectations. An overview of major topics and concepts including planning and decision making, organization, staffing and leading, Information Systems, and ethics and social responsibility will be covered.

Corequisite(s): ENG 101

BUS 110 - Business Law and Ethics

3 credit(s)

This course is designed to introduce the legal and regulatory environment in which businesses must operate, as well as the ethical considerations which are a part of the business environment. A review of the court system, litigation process, and regulatory process will be provided. The rule of law, laws regarding property, public and private as well as civil and criminal law will be covered. State laws regarding incorporation, licensing, tax and regulatory filings and legal recourses to public acts will be discussed. Federal and State employment and labor laws will also be an important part of this course.

BUS 115 - Human Resource Management

3 credit(s)

This course provides an introduction to the basic principles of human resource management including recruiting, hiring, training and developing the workforce. In addition, issues of performance improvement, compensation and benefits, collective bargaining and labor relations and legal aspects of human resource management will be explored.

BUS 121 - Personal Finance and Insurance

3 credit(s)

This course presents an analysis of the many financial situations and decisions confronting an individual that will raise consumer awareness. Students learn the proper management of personal income and expenses. Additional topics include cost of credit, budgeting, and individual tax preparation. A focus on financial and retirement planning includes concepts of life, health, homeowners and auto insurance. Students also learn about the various financial products offered by banks, credit unions and financial institutions. Students become aware of the laws that effect them as employees or small business owners.

BUS 123 - Principles of Insurance

3 credit(s)

This course is designed to provide students with a solid foundation in the principles of insurance, especially property and casualty coverage. Students will learn about insurance regulation, general insurance concepts, property and casualty insurance basics, dwelling and homeowners policies, auto insurance, commercial package policies, business-owners' coverage, workers' compensation insurance, and other surplus and excess lines of coverage. Successful understanding of the above topics will prepare students to sit for the state licensure examination in property/casualty insurance. The course will also delve into general principles of life and health insurance.

BUS 125 - Sales and Service I: The Fundamentals

3 credit(s)

This course covers the fundamentals of sales and customer service. Students are introduced to the concepts of having a positive attitude, the importance of listening, communication styles and skills, the basic steps of the sales, and the importance of quality service. They will understand the importance of developing a personal selling philosophy, understanding their product, and developing a basic presentation strategy. Students will also learn the importance of ethics in selling.

BUS 126 - Sales and Service II: Customer Focus

3 credit(s)

This course will address the relationship between customer service and effective sales. Students will learn how to present products and services to their customers in a manner that meets their identified and unidentified needs. In addition, students will learn how customer satisfaction enhances sales success by cultivating satisfied and repeat customers. This course will address the importance of listening skills, understanding customer behavior, recognizing cultural diversity in the sales environment, and methods of developing customer loyalty.

Prerequisite(s): BUS 125

BUS 132 - Budgeting and Planning

3 credit(s)

This course will provide an understanding of the budgeting process. Students will create a master budget and Pro Forma financial statements. Students will perform Horizontal and Vertical Analyses of these statements, interpret results, and determine master budget variances. This course will include budget set-up and forecasting, and instruction in using budgeted financial statements to plan for analysis. Students will also develop flexible budgets and determine which variances require investigation using management by exception. The importance of budgeting as

a planning and decision-making tool will also be stressed in this course.

Prerequisite(s): MATH 1XX

BUS 135 - Customer Relations in a Multicultural World

3 credit(s)

This course takes an in-depth look at working with individuals, organizations, and communities that have varying forms of language and value systems. Students will examine personal cultural competencies, values, and communication approaches that are required for quality customer service. Strategies to understand and meet the customer's needs across cultures are discussed and analyzed.

BUS 142 - Introduction to Property Management

3 credit(s)

This course provides a foundation in property management services and an exploration of investing in real estate. Students learn the process of developing a real estate/property management company which includes: the duties of evaluating properties for investment; marketing properties; selecting tenants; contracting with owners, vetting tenants and vendors. Additionally, the role of a property manager's responsibilities and day-to-day duties are developed, which includes: a knowledge of environmental and hazardous substance risks; the servicing and maintenance of properties; property accounting/bookkeeping and risk mitigation pertaining to property management. Students develop an understanding of fair housing and civil rights laws concerning property.

BUS 146 - Green Technologies in Real Estate

3 credit(s)

This course provides a foundation in facility and property management technologies with a concentration on the latest building techniques and products such as geo-thermal heating, HVAC, and solar. Students develop a knowledge of increasing energy and water efficiency, zero energy buildings, waste reduction strategies, as well as demolition and waste requirements. Assessment of costs and return on investment of these technologies is stressed. Students become familiar with government regulations and other related technologies to inform the student of options in the development and maintenance of properties with an eco-friendly focus.

Prerequisite(s): BUS 142 or Departmental Permission

BUS 150 - Small Business and Entrepreneurship

3 credit(s)

This course will provide an introduction to exploring fundamental business principles with an emphasis on a practical approach to the entrepreneurial process and the skills for starting a small business. The course will include studying ethics, the global environment, forms of business ownership, starting a small business, an entrepreneur's acquisition of capital, small business management, networking, and managing financial resources. The course further explores issues with franchising and other business opportunities.

BUS 205 - Employment Law and Benefits

3 credit(s)

Students will learn the basics of employment law, compensation, and benefits, so as to avoid potential pitfalls and grow their organizations by hiring, evaluating, and compensating employees effectively. This course focuses on two key areas. Students will first assimilate all necessary information about employees and their benefits including taxes, discrimination issues, unionization, and workplace safety. Students will also learn effective evaluation techniques and how to resolve issues before they escalate. In addition, students will learn the proper methods and procedures to terminate employees. Following employment laws at both the federal and state levels is also emphasized in this course.

BUS 210 - Business Planning & Development

3 credit(s)

This course covers the aspects of creating a successful business plan. The foundations for each section of the business plan developed in this class will be enhanced through the knowledge gained in other courses. This class will provide an understanding of how all the pieces - the marketing plan, the financial plan, and organizational plans - integrate into the overall business plan. The plan created will provide a practical description of the future direction of the business.

Prerequisite(s): BUS 101 or BUS 107

BUS 212 - Grant Writing

3 credit(s)

This course is designed to provide students with a general introduction to the field of grant writing. Instruction provides information on types of grants, common requirements of grant applications, and elements of a grant application. Students will learn to convey grant needs, assess resources, design a management plan, develop a budget, and conduct evaluations. Study in this course includes common grant applications, letters of inquiry, introductory letters, written contracts, formal reports and common correspondence. Students will learn how to search for

grant availability and then develop an original grant application for a project or organization of their choice.

Prerequisite(s): ENG 101
Crosslisted as: ENG 212

BUS 215 - Marketing

3 credit(s)

This course examines marketing principles, strategies, and methods practiced by modern businesses and organizations including product/service distribution, promotion, and pricing. Topics include: evaluating market opportunities; buyer behavior; market segmentation, targeting and positioning; market strategy and planning; development of marketing mix; and marketing organization and control. The role of ethics, corporate social responsibility, and public policy that are intrinsic to marketing efforts will also be explored.

BUS 218 - Event Management

3 credit(s)

This course introduces the student to the underlying theoretical and practical foundations of event management. Students will learn about the historic roots of celebrations, and the four-pillar approach to event leadership (time, finance, technology, and human resources). Students will learn how to determine the target market and niche of an event and how the event connects to a company's strategic mission and goals. Case studies and hands-on experience will further student knowledge and will promote the practice of successful event management.

BUS 225 - Insurance Software Management

3 credit(s)

Students will have the opportunity to learn about insurance software management. Students will learn about document management, records management, and business process automation. Students will learn how to streamline processes, reduce costs, increase internal controls, and improve customer service.

BUS 226 - Sales and Service III: Advanced Strategies

3 credit(s)

This advanced course will build on the fundamentals of sales and customer service. It focuses on sales language, verbal visualization, mental visualization, listening skills, follow up and service, prospecting, and using telephone skills to enhance sales success. Students will also develop

strategies for dealing with difficult customers. The course will also help students recognize different market segments and how to customize their sales approach to meet the needs and expectations of those various segments.

Prerequisite(s): BUS 126

BUS 230 - Workforce Planning and Staffing

3 credit(s)

This advanced course will examine strategies for staffing the workplace. Students will study human resource processes used to recruit and retain a workforce that will enable an organization to meet its business objectives. The process of on-boarding through assessment of performance and then to career development are examined in light of the strategic staffing requirements of an organization. Specific duties of developing job descriptions from job analysis, forecasting, and managing work flow are emphasized.

BUS 240 - Current Topics in Management

3 credit(s)

In this course, students will research, discuss, and analyze current trends and issues in management. A seminar by design, students will explore such contemporary topics as the role of leadership and management in organizations, workplace bullying, and discrimination in the work place. Other "hot" topics include corporate social responsibility, pay equity, and work-life balance.

BUS 242 - Financing Principles of Property

3 credit(s)

This course explores a variety of financing techniques concerning the acquisition or disposal of personal and commercial real estate. Students develop a working knowledge of primary and secondary mortgage markets and review loan programs. Consideration is also given to the various costs involved in property financing, including tax and insurance structures, and closing costs, document and process fees. Federal and state financing legislation is explored. The duties of the mortgagor are included as are strategies for avoiding the default of a mortgage. Maintaining relevant financial documents for business and tax purposes is also featured.

Prerequisite(s): BUS 142

BUS 246 - Principles and Practice of Real Estate

3 credit(s)

This course provides the student with all the skills necessary to buy and sell properties within state and industry specific guidelines. Students will understand various principles of real estate such as real property, home ownership, agency, brokerage, buyer representation, interests, ownership and liens. Students will examine legal descriptions of properties and property titles and differentiate among contracts, titles and leases. Students further learn to evaluate the quality of assessments and appraisals. Laws pertaining to fair housing and environmental issues are explored.

Prerequisite(s): BUS 142 or Departmental Permission

BUS 250 - International Business

3 credit(s)

This course provides the theory and practice of international business including such topics as the global market place, the role of culture, ethics and corporate social responsibility in international business. The course stresses the study of national trade policies, international monetary systems, managing international business and international marketing and operations management. Students learn to access the global market for their small business enterprise.

Prerequisite(s): BUS 101

BUS 257 - Institutional Development and Fundraising

3 credit(s)

This course explores both the art and science of successful revenue-building through the development of charitable contributions, grants, and sponsorships. It examines the best practices in building sustainable nonprofit organizations through smart development and fundraising. All facets of fundraising are addressed including the structuring of different types of gifts, endowments, capital giving campaigns, donor relations, and special events. The processes for development are also examined, including the use of technology and social networking to advance the sustainability of the organization. The management process of institutional development is also addressed, along with the ethical implications of the profession.

Prerequisite(s): Departmental Permission

BUS 265 - Principles of Finance

3 credit(s)

The focus of this course is the fundamentals of sound financial management. Students will study

the time value of money, risk/return analysis, cash flow management, the basics of capital budgeting, working capital management, financial forecasting, inventory management and basic financial ratios.

Prerequisite(s): MATH 1XX

BUS 299 - Cooperative Work Assignment

3 credit(s)

During a 150-hour cooperative assignment, students are provided with hands-on training and career-related experience. This course provides extensive on-site experience which utilizes previously studied subjects and related skills. It gives the student the opportunity to put his/her class knowledge to practical use and to practice and enhance acquired skills. It provides students with valuable employment experience, increasing their marketability.

Prerequisite(s): Departmental Permission

BUS 305 - E-Business

3 credit(s)

This course explores the conduct of commercial business through the use of the internet and associated technological innovations, as well as the controversies related to social constructs and business. This course helps students design e-commerce strategies based on models and concepts of contemporary e-commerce practices, with an emphasis on business-to-business commerce and collaboration. It stresses the use of mobile devices and applications to extend and engage in electronic business transactions. Students develop the requisite skills to integrate e-business principles and practices into their business plans.

Prerequisite(s): BUS 101 and BUS 215

BUS 310 - Targeted Marketing and Social Media

3 credit(s)

This course covers important aspects of online marketing in the social media age, with emphasis on developing targeted marketing strategies using social media. Topics include: search engine optimization, online advertising, pay-per-click advertising, e-mail marketing strategies, mobile marketing, online reputation management, web public relations, web development, and how social media works.

Prerequisite(s): BUS 101 BUS 215 and ENG 101 or Departmental Permission

BUS 320 - Foundations in Organizational Leadership and Management

3 credit(s)

The effectiveness of service delivery systems and the quality of services depend on the degree to which leaders and managers apply practices that are based on the best available evidence. This course provides coverage of a range of evidence-based leadership and management practices that are essential for effective service delivery and successful organizational performance. Topics include, but are not limited to, best fit models of leadership and management, strategy development and organizational design, human capital management, budget concepts and techniques, and organizational ethics. Small group analyses of multiple diverse examples, ethical dilemmas, and case studies; role-plays; and student presentations provide opportunities for students to contextualize, apply and integrate key concepts.

Prerequisite(s): BUS 215

BUS 330 - Operations Management

3 credit(s)

This course will lead the student through the concepts, principles, problems, and practices of operations management - an area of management focused on overseeing and designing business operations in the production of goods and services. Participants will examine best practices for the efficient use of resources to meet customer requirements and related activities including purchases, inventory control, quality control, storage, logistics, and evaluation of processes. Understanding the process that turns inputs (design, material and labor) into outputs (goods/services) is central to effective operations management. Participants will learn strategies for adding value to the process in consort with marketing activities.

Pre/Corequisite(s): BUS 101

BUS 350 - Small Business Finance

3 credit(s)

This course will cover the various debt and equity financing sources available for new and existing small business ventures. The day-to-day financial decisions of a small business and the development of a financial plan to acquire various financing instruments will be discussed. Avoiding common mistakes in attempting to acquire funds will also be covered. Additionally, various filing options, tax entity, federal and state tax laws, and payroll tax requirements of the federal and state governments will be stressed in this course. Tax implications of managerial decisions will also be discussed.

Prerequisite(s): BUS 101, BUS 265, and ENG 101

BUS 355 - Financial Management

3 credit(s)

This course will provide an overview of the skills required for financial planning in organizations. Preparation and use of budgets and financial reports will be covered. Compliance with reporting requirements of federal, state, and local agencies will also be addressed. Interpretation of financial reports and audit results will be discussed as well as how to safeguard assets, manage resources, and ensure financial solvency with adequate cash flow.

BUS 410 - Theory and Practice of Business Research

3 credit(s)

This course brings the student through the research process as it applies to business. Participants learn the process of research in anticipation of entering the business arena or in preparation for advanced degree work. They explore the various research approaches and the review of existing literature. The foundations of research, from data collection to the measurement process and design, help students understand the factors behind business trends and conceptualize new possibilities for future trends and practices through the analysis of data. Reporting of research findings is also critical in the research process.

Prerequisite(s): BUS 101, ENG 101 , and STAT 167 or equivalent

BUS 430 - Small Business in a Global Environment

3 credit(s)

This course explores the impact of economic issues of global significance on the small business economy. Students will examine financial events and trends in the U.S. national economy and in the local economy as they pertain to small business. Small business connections to the global economy are explored through the management of international supply-chain processes and how small business networks sell in the global market. Additionally, students will study how small businesses engage in emerging markets as they adapt to appropriate customs when doing business with an international client base. Legal, political, and economic issues related to conducting business across national boundaries will be stressed.

Prerequisite(s): BUS 101, ENG 101 , and BUS 150

BUS 435 - Auditing Procedures for Managers

3 credit(s)

This course will introduce auditing practices and procedures to management students. Policies

and procedures will be analyzed to determine if they are in compliance with auditing standards. Focus of the course will be on the role of the auditing committee. Internal control, risk assessment, proper documentation, and assurance of proper accounting are discussed.

Prerequisite(s): BUS 101, ACC 1XX, and BUS 265

BUS 490 - Capstone: Strategic Planning

3 credit(s)

This is a capstone course in which students learn how business leaders formulate strategies for business that are global and dynamic. This course examines the process of developing vision for an organization and defining its goals in light of the organization's mission. Students examine the process of strategic planning for long-term viability of an organization and the dynamics that drive the strategic planning process. Essential to that process is developing a vision for an organization and defining its goals in light of the organization's mission. Therefore, in this course, students will understand the role each organizational member plays in developing and executing a strategic plan. Developing critical, research-based, decision-making skills, as integral to the strategic planning process, is also a focal element of this course.

Prerequisite(s): Departmental Permission

Chemistry

CHEM 101 - Chemistry

4 credit(s)

This course is a survey of general, organic, and biological chemistry designed for individuals who are pursuing careers in health-related professions. Students will build knowledge and skills sets related to the metric system and unit conversions, atomic structure and bonding, balancing and classifying chemical equations, calculating solution concentrations, applying gas laws, and identifying organic compounds, including biological polymers. Laboratory sessions are coordinated with the lectures and emphasize experimentation and application of the lecture content.

Prerequisite(s): ENG 101 and MATH 125 with a C or higher

Communications

COM 101 - Public Speaking

3 credit(s)

This course is designed to develop public speaking and listening skills so that students may become more effective communicators. Students will learn research techniques and how to organize, deliver, and adapt their message to an audience. They prepare and deliver several major speeches. Students also apply interviewing and group discussion techniques.

COM 105 - Interpersonal Communications

3 credit(s)

This course introduces students to effective communications in a variety of settings. Topics include exploring personal identity, communicating in one-on-one conversations, understanding workplace interactions, using multiple communication channels, and making presentations. Students learn and practice the skills of active listening, interpretation of body language, and tailoring the message based on audience considerations.

Computer Applications

CAP 115 - Learning and Working Through Digital Technologies

3 credit(s)

In this course, students build their knowledge and skills sets for identifying, evaluating, and using digital technologies to achieve their academic and career goals. Course content focuses on critically and ethically integrating digital tools, applications, and software within personal and professional contexts.

Dental Hygiene Program

DHP 102 - Periodontology

3 credit(s)

Emphasis on the study of normal and diseased periodontium, from client assessment, etiology and pathology to therapeutic treatment. This course provides fundamental information of periodontal anatomy, immunology and pathogenesis of the periodontal diseases, and an introduction to modern rational periodontal therapy, including preventive, nonsurgical, and surgical methods.

Prerequisite(s): DHP 110 and DHP 202
Corequisite(s): DHP 120

DHP 103 - Dental Materials

4 credit(s)

This course is the study of dental materials used in the dental office and their relationship to the oral environment. The student will be introduced to the terminology, properties, and proper techniques of managing and selecting dental materials. This course incorporates a laboratory component to include hands-on laboratory experiences understanding of the physical and chemical properties of materials. This course is designed to include a major online component. Assignments, lectures, practice tests, simulations, and discussion will be held online. Time spent in laboratory will be on practice, in-class discussion, knowledge evaluation and group work.

Prerequisite(s): DHP 120 and DHP 102
Corequisite(s): DHP 106

DHP 104 - Head and Neck Anatomy and Embryology

4 credit(s)

This course is a comprehensive study of anatomic structures of the head and neck region, including embryological and histological foundations of the oral facial structures, tooth morphology and occlusion, and study of the associated skeletal, muscular, nervous, and vascular systems. It also includes related study of clinical considerations and developmental disturbances of orofacial and related structures.

Prerequisite(s): Admission to Dental Hygiene Program
Corequisite(s): DHP 105

DHP 105 - Radiology

3 credit(s)

Dental Radiology lectures along with the laboratory experience will focus on the introduction and development of technical skills in exposing, processing and mounting digital and film radiographs. Students will develop and perfect intra- and extra-oral exposure techniques, working with dental manikins. Based on the scope of practice, the student will utilize critical thinking and evidence-based decision making skills that will guide them through dental hygiene care. This course is designed to include a major online component. Assignments, lectures, practice tests, simulations, and discussion will be held online. Time spent in laboratory will be on practice, in-class discussion, knowledge evaluation and group work.

Prerequisite(s): Admission to Dental Hygiene Program
Corequisite(s): DHP 104

DHP 106 - Pharmacology and Pain Management

4 credit(s)

The pharmacology segment of this course will provide the student with basic pharmacology knowledge as it pertains to the practice of dental hygiene. The course will guide students to effectively communicate with patients, dentist and other medical professionals regarding medications commonly used in a dental office or medications frequently taken by patients. The pain management segment of this course will provide students with the academic and practical aspects of administration of pain control techniques and local anesthesia. The students will understand the general principles and the indications for administering anesthesia. The laboratory section will expose students to the application of pain management and anxiety for dental patients.

Prerequisite(s): DHP 120 and DHP 102
Corequisite(s): DHP 103

DHP 110 - Principles of Dental Hygiene I

4 credit(s)

The Principles of Dental Hygiene lectures along with laboratory experience will focus on dental hygiene theory and practice that will provide the student with the necessary knowledge to develop a patient-centered process of care. Students will be introduced to comprehensive assessment of a client's oral and dental health status and needs, and the planning, implementing, evaluating, and documenting of appropriate individualized treatment based on those needs. Based on a dental hygiene scope of practice, the student will utilize critical thinking and evidence-based decision making skills that will guide them through dental hygiene care. The laboratory sessions of this course will consist of clinical exercises that coordinate with the reading assignments and lectures. In addition, Radiology lab sessions will be a component of this course. This component will consist of lab exercises that build on both basic technique skills learned in Radiology DHP 105 and basic principles of dental radiography that will coordinate with reading assignments and lecture materials focusing on patient relations, infection control, extraoral panoramic imaging, and interpretation. This course is designed to include a major online component. Assignments, lectures, practice tests, simulations, and discussion will be held online. Time spent in laboratory will be on instrumentation practice, in-class discussion, and group work.

Prerequisite(s): DHP 104 and DHP 105
Corequisite(s): DHP 202

DHP 113 - General and Oral Pathology

3 credit(s)

This course will study the fundamentals of the disease process in the human body, underlining the oral cavity and surrounding areas, and analyzing the aspects of prevention, recognition, and treatment; including the causes of inflammation and healing, developmental disturbances, pathology of dental cavities, dental and oral abnormalities, and oral injuries. Premalignant lesions

and their differences from common benign conditions are emphasized.

Prerequisite(s): DHP 102, DHP 120, and DHP 202
Corequisite(s): DHP 106

DHP 120 - Principles of Dental Hygiene II

4 credit(s)

The Principles of Dental Hygiene II lectures along with clinic experience continues to focus on dental hygiene theory and practice that will provide the student with the necessary knowledge to develop a patient-centered process of care. Students will be able to assess, and identify patients' oral and dental status, followed by developing a treatment plan, implementing treatment and evaluate results. Based on the scope of practice, the student will utilize critical thinking and evidence-based decision making skills that will guide them through dental hygiene care. Skills introduced in DHP 110 will be reinforced and applied in more depth. The dental hygiene care plan will be studied in depth and applied in clinic. Instruction in periodontal debridement/scaling instruments will progress with the application of powered instrumentation, use of additional instruments, and advanced techniques. Integrated topics of focus will be medical emergencies management, selective polishing/dental stain management, preventive education, motivational interviewing, tobacco cessation, treatment for special client populations, and the dental hygiene process of care.

Prerequisite(s): DHP 110 and DHP 202
Corequisite(s): DHP 102

DHP 201 - Community and Public Health Dentistry

4 credit(s)

Introduction to the concepts of public health and issues in healthcare delivery, with emphasis on access to dental care and the role of the dental hygienist in the promotion of oral health, as well as, prevention of dental diseases in the community. Students are introduced to the principles of research methodology and biostatistics, epidemiological indices, population needs, and community health-planning methods for dental education of the public. Through this course, students will acquire knowledge, attitudes, skills and behaviors necessary for the promotion of dental health and prevention of disease through community-based dental health programs. The student will have the opportunity to interact with a diversified community performing preventive dental services and giving presentations on oral health.

Prerequisite(s): DHP 103, DHP 106, and DHP 113
Corequisite(s): DHP 210

DHP 202 - Nutrition

3 credit(s)

Fundamentals of nutrition with an emphasis on the relationship of diet and dental health combined with Lipids, Carbohydrates, Proteins, and Nucleic Acids. The application of this knowledge is in the form of nutritional counseling of patients who wish to prevent or control nutritionally-related oral health problems. This course is designed for online instruction. Assignments, lectures, and discussion will be held online.

Prerequisite(s): DHP 104 and DHP 105
Corequisite(s): DHP 110

DHP 210 - Principles of Dental Hygiene III

5 credit(s)

Principles of Dental Hygiene III will enhance clinical techniques and skills, technology and current procedural practices of the dental hygienist with emphasis on self-evaluation, excellence and quality assurance. Students will also gain knowledge about ethics in the professional clinical setting. This course continues clinical development skills necessary to perform dental hygiene care including the principles learned in DHP110 and DHP 120 course work. Implementation of case studies will provide insights into the complex issues of patient care and to stimulate critical thinking. This course is designed to include a major online component. Assignments, lectures, practice tests, simulations, and discussion will be held online. Time spent in clinic will be dedicated to patient care.

Prerequisite(s): DHP 103, DHP 106, DHP 110, DHP 113, and DHP 120
Corequisite(s): DHP 201

DHP 220 - Principles of Dental Hygiene IV

5 credit(s)

This course permits refinement of clinical techniques and skills, technology and current procedural practices of the dental hygienist with emphasis on self-evaluation, excellence and quality assurance. Students will also gain knowledge about ethics in the professional clinical setting. This course continues clinical development skills necessary to perform dental hygiene care including the principles learned in previous course work. Emphasis is placed on case studies to provide insights into the complex issues of patient care and to stimulate critical thinking. This course is designed to include a major online component. Assignments, lectures, practice tests, simulations, and discussion will be held online. Time spent in clinic will be dedicated to patient care.

Prerequisite(s): DHP 210 and DHP 201
Corequisite(s): DHP 230

DHP 230 - Dental Hygiene Capstone

3 credit(s)

Students will gain knowledge about ethics in the professional clinical setting, legal aspects of practice, Connecticut's rules and regulations and occupations code and jurisprudence. Students will prepare for clinical practice by gaining employability skills such as resume and cover letter skills, as well as interviewing skills. This course is designed to assist the dental hygiene student in preparation for their dental hygiene board exams by helping students to become familiar with the format used in the National Board Examination (NBDHE), and the Commission on Dental Competency Assessments (CDCA-WREB-CITA) clinical exam and providing simulated exercises for both. Students also will have the opportunity to supplement and review their existing knowledge acquired throughout the academic curriculum.

Prerequisite(s): DHP 210 and DHP 201
Corequisite(s): DHP 220

Economics

ECN 101 - Macroeconomics

3 credit(s)

This course covers a broad range of macro-economic topics in American and global economies. Topics focus on aggregate economic activity including gross national and domestic product and national income, price levels and inflation, supply and demand, employment and unemployment, domestic savings and investment, fiscal and monetary policy, and international trade.

ECN 102 - Microeconomics

3 credit(s)

This course examines the segment of the economy which includes individual businesses or industries, individual consumers, and individual products. It will examine the production, allocation and distribution of goods and services in a world of scarce resources. The course will explore basic concepts of opportunity, cost, supply and demand, taxation, cost theory, perfect competition, monopoly and other types of market structures.

ECN 110 - Principles of Economics

3 credit(s)

This course provides an introduction to macroeconomic and microeconomic fundamental principles. Supply and demand, market equilibrium, scarcity and choice, factors of production,

unemployment and inflation, gross domestic product and its relationship to business cycles will be covered. Price ceilings, price floors, costs and profit maximization and market structures will also be stressed. Students will understand the influence of economic principles on the domestic and global business environment.

ECN 285 - Managerial Economics

3 credit(s)

This course covers the study of managerial decision-making using tools and principles of economic analysis. Topics, such as production and cost, market structure, profit maximization, forecasting techniques, consumer behavior, and business behavior will be stressed. Students will be expected to apply managerial economic principles in a course project.

Pre/Corequisite(s): BUS 101 or BUS 107 and ECN 110

Education

LUE 601 - Social Foundations of Education

3 credit(s)

Having a broad understanding of the historical, philosophical, and sociological foundations of education informs how educators design curricula, adjust instructional strategies, interact with learners, families, and communities, and determine solutions to ethical problems. Students will examine school as a social institution, significant educational innovations, and how each of these informs educating a diverse population in an urban context.

LUE 605 - Contemporary Issues in Urban Education

3 credit(s)

Across the United States, urban educators face a myriad of inextricably linked challenges to and opportunities for effectively educating students. Broad challenges include social and economic inequities, outdated pedagogical approaches, inexperienced staff, perceptions of race and class, and failed educational reforms among others. Opportunities are evident in family, school, and community partnerships; critical praxis embodied in the work of educators; culturally relevant and sustaining pedagogy; and more. Students will engage in careful reflexive analysis of both the challenges and opportunities and their roles and responsibilities as teacher leaders in urban settings.

LUE 610 - Teacher Leadership Theory and Practice

3 credit(s)

Teacher leaders fulfill many roles-resource provider, curriculum specialist, instructional coach, mentor, and more. Working alongside the school principal and other administrators, teacher leaders often facilitate and provide support for the implementation of evidence-based practices and instructional improvements designed to yield better student learning outcomes. Students will examine ways to develop a culture of collective responsibility in the schools and expand their spheres of influence beyond the walls of the classroom. Topics include building a data-rich ecosystem for monitoring teaching and learning, supporting professional learning for continuous improvement, fostering a collaborative culture and healthy school climate, partnering with families, and advocating for students and the profession.

LUE 615 - Curriculum Theory

3 credit(s)

Curriculum is multi-dimensional. It encompasses the content to be taught, the outcomes to be achieved, the interactions between learners and teachers and among learners, and the dynamic relationship between theory and action. Students will analyze major historical, sociological, philosophical, and psychological perspectives in curriculum theory. Contemporary curriculum issues, including common models of curriculum development and adoption, will be emphasized.

LUE 620 - Effective Learning Environments

3 credit(s)

Effective learning environments foster social, emotional, and academic development. Emphasis is placed on creating a culture that uses an equity lens based on evidence. Social-emotional learning, culturally relevant teaching, restorative justice practices in school discipline, and trauma-informed systems approaches will be explored. Students will consider ways to eliminate barriers across systemic, institutional, and individual levels that contribute to inequitable access to learning.

LUE 625 - Classroom-Based Assessment

3 credit(s)

Classroom-based assessment is an essential component of teaching and learning. Students will learn how to design formative and summative assessments of learners' knowledge and skills that are aligned with educational outcomes. Students will also create, revise, and quality assessment rubrics and coding schemes that work with the assessments they design.

LUE 630 - Instructional Coaching

3 credit(s)

The goal of instructional coaching, a form of job-embedded professional learning, is improvement in teaching practices that lead to better student outcomes. Students will explore theories that shape the work of coaches and a variety of coaching, models. The primary tasks and activities of coaches, how the work is structured, and the knowledge, skills, and dispositions that coaches need to do their jobs effectively will be examined. Students will apply what they are learning about coaching by engaging in a mini-coaching cycle of goal setting, planning, observation, and reflection.

LUE 635 - Leading Professional Learning

3 credit(s)

Ongoing professional learning is a primary means for enhancing teaching practices and improving student outcomes and overall school success. Students will critically review current research on professional learning and supporting adult learners. Emphasis will be placed on designing, implementing, and evaluating long-term job-embedded professional learning that supports specific teacher development needs at their schools.

LUE 640 - Appreciative Inquiry Capstone

6 credit(s)

The Capstone course is designed for M.Ed. students to demonstrate the depth and breadth of their growth as reflective practitioners and the knowledge and skills gained through their coursework. During this course, students design and carry out a project in which they apply Appreciative Inquiry to a Participatory Action Research methodology by identifying positive, strength-based organizational practices. Project topics are relevant to students' professional practice and center on the intersection of the three pillars of the M.Ed. program: Universal Design for Learning; teacher leadership, and social justice.

UID 610 - Introduction to Universally Designed Learning Experiences

3 credit(s)

In this course, students compare theories and models for systematically designing learning experiences for different practice settings. Emphasis is placed on applying select instructional design frameworks to evaluate existing learning experiences. Students apply related processes to create learning experiences for their practice settings.

UID 615 - Engagement for Learning

3 credit(s)

This course provides students with opportunities to compare the various models of student engagement in learning and their applications to different learning modalities. Students evaluate the evidence-based research and strategies related to self-regulation, collaboration, and feedback in learning environments. Students apply evidence-based approaches to the design of engagement strategies within learning experiences appropriate to their professional practice.

UID 620 - Instruction for Learning

3 credit(s)

In this course, students examine instructional methods and the learning theories on which they are based. Emphasis is placed on evidence-based instructional practices and factors that influence the design, implementation, and management of learning. Students create learning experiences tailored to their professional practice.

UID 625 - Assessment for Learning

3 credit(s)

In this course, students are introduced to the principles, types, and purposes of learning assessments. Students evaluate and design a variety of approaches to assessment that address learner variability across a variety of practice settings and are focused on learner development. Emphasis is placed on how assessment practices can be shaped to support learners in planning and monitoring their own progress.

English

ENG 100 - Introduction to College Writing

3 credit(s)

ENG 100 is an optional co-requisite to ENG 101 and is designed to support students' success in that course. This course supplements the skills and competencies taught in ENG 101. Students meet with their ENG 101 instructor for individualized instruction in small groups. They receive additional help with the ENG 101 course and complete reading, writing, and reflective activities that help them develop their use of academic language. ENG 100 is not a standalone course and must be taken with ENG 101.

Corequisite(s): ENG 101 is required to be taken at the same time

ENG 101 - English Composition

3 credit(s)

This course is designed to develop effective collegiate writing. Students develop deeper understanding of the stages of the writing process, including generating, revising, proofreading, and editing essays. Using a collaborative approach, students will produce essays in various genres with emphasis on rhetorical effectiveness, focusing on organization, thesis, purpose, and audience awareness. The course emphasizes academic inquiry through focused research, including retrieving, interpreting, and synthesizing sources effectively and ethically.

ENG 102 - Literature and Composition

3 credit(s)

This course builds on reading, interpreting, and composition skills. Students explore poetry, prose, and plays while learning to identify themes, symbolism, point of view, and literary theories. Through discussions, assignments, and reflections, students will practice analyzing texts, developing arguments, and clearly expressing their ideas and perspectives in various formats. The course also examines contemporary issues like bias, diverse perspectives, and the role of literature in an evolving world.

Prerequisite(s): ENG 101

ENG 103 - Vital Writing: The Art of Creative Nonfiction

3 credit(s)

Biographies, autobiographies, diaries, and personal narratives are all ways of telling the narrative of one's life. In this course, students will examine how authors take life experiences and transform them into a stories. In addition to reading biographies, autobiographies, and biographical narratives, students will have the opportunity to learn memoir writing techniques and write their own memoirs.

ENG 106 - Composition and Medical Literature

3 credit(s)

This course focuses on the development of writing skills for the healthcare professional, emphasizing writing as an academic skill necessary to prepare students for entering the healthcare field. The course contains a particular focus on cultivating empathy and developing cross-cultural sensitivity in healthcare environments. To prepare students for successful written communication in their chosen field, students will learn to write in a way that targets specific audience members, such as the patient, family members of the patient and fellow healthcare professionals. The course also emphasizes questions and responses that stimulate thought, examine ethics, relate the material to broader universal issues, and necessitate critical interpretation. Students will be

required to compile, organize, and logically present scientific and health information in research paper format, using citation and references. In addition, students will be expected to read literature related to healthcare issues and respond in journal and essay format.

ENG 225 - Creative Writing

3 credit(s)

This course explores writing as a creative art. The course emphasizes elements of effective creative writing, including developing plot, theme, dialogue, character, point of view, description, and imagery. Students engage in both writing practice and analysis of readings to develop writing skills and processes and prepare creative works for publication.

Prerequisite(s): ENG 101

ENG 227 - Writing for Social Media

3 credit(s)

Social media play an increasingly important role in the way communities, businesses, and individuals share information. This course introduces students to the fundamentals of how to compose context for a variety of media platforms. Students will maintain and add content to a website of their own design, updating it with periodic blog entries, PowerPoint presentations, white papers and e-books, podcasts, videos, and other media. Students will study both the technical skills they will need to produce this media as well as strategies for writing effectively and professionally in electronic formats.

Prerequisite(s): ENG 101 and CAP 115

ENG 240 - The American Short Story

3 credit(s)

This course focuses on the American short story through a historical perspective. Students will evaluate short stories considering social themes that reflect cultural shifts, national movements, and the changing identity of the American nation. Students will also learn the elements of short story development, author strategies for building suspense and action, and literary devices that make this writing form profound. Finally, students will compose essays and discussion responses that draw on theoretical models of close reading. Selected authors may include: Irving, Poe, Hawthorne, Ellison, Hughes, Jackson, Welty, Oates, and Diaz.

Prerequisite(s): ENG 101

ENG 245 - Contemporary American Poetry

3 credit(s)

This course provides an introduction to contemporary poetic voices and reviews the predecessors and progresses to our modern poets: Lowell, Plath, Wilbur, Ginsberg, Bishop, and Brooks. The course culminates in an in-depth survey of some of the newest voices of the exploding Multicultural Renaissance, including Komunyakaa, Ai, Marilyn Nelson, and Lucille Clifton. Students will have discussions on the emergence of poetic movements such as the Beats, Language and Confessional Poetry, Feminism, Multiculturalism and Urban Poetry.

Prerequisite(s): ENG 101 and 3 Additional Credits in Composition

ENG 300 - Advanced Composition

3 credit(s)

This course is designed to provide students with opportunities to develop their writing skills across a range of styles of professional and academic writing. Using a process approach to writing, students will develop, draft, and revise a variety of written assignments, including a personal narrative, an article review, an annotated bibliography, and a research report. The class will also incorporate a focus on writing as a tool for developing critical inquiry, personal reflection, and intellectual engagement. Students will cultivate an understanding of the ways writing can enrich their personal, academic, and professional lives.

Prerequisite(s): ENG 101 and 3 Additional Credits in Composition

ENG 303 - Film & Literary Adaptation

3 credit(s)

This advanced English course provides students with a foundation in film studies through an intensive examination of the process of cinematic adaptation using films based on literature. These film and literary narratives will demonstrate a variety of genres and techniques. In addition to further developing reading strategies and academic writing skills, students will engage in scholarship associated with both narrative cinema and cultural studies. This includes an in-depth analysis of narrative, cinematography, composition, and audience as well as the application of critical theories. The class makes use of film screenings and academic research as the basis for critical essays that will allow students to become active readers, spectators, and critics.

Prerequisite(s): ENG 101 and 3 Additional Credits in Composition

ENG 305 - The Modern Novel

3 credit(s)

For hundreds of years, novels have played an important role in representing the diversity and complexity of modern civilization in our dynamic and global contemporary world, the power of the novel to bring together different voices is more important than ever. In this course, students will read, analyze, and discuss representative novels from the twentieth and twenty-first centuries.

Prerequisite(s): ENG 101 and 3 Additional Credits in Composition

ENG 320 - Advanced Writing for Health Professionals

3 credit(s)

This intensive writing course focuses on the development of writing skills for the healthcare professional, emphasizing writing as a communication skill necessary in the healthcare field. This advanced writing course centers on writing based on reading, interpretation, and discussion of academic and literary texts from personal, literary, scientific, and technological sources. The course also emphasizes questions and responses that stimulate thought, relates the material to broader universal issues, and necessitates critical interpretation. As an advanced writing course, it demonstrates how reading and writing in standardized English assists in enriching one's life and includes vigorous review of grammar, mechanics, paraphrasing, essay structure and development of stylistic strategies and techniques often using group and collegial critiques. The course also includes compiling, organizing, and logically presenting scientific and health information in research paper format, using citation and references. In addition, students will be expected to read literature related to healthcare issues and respond in journal and essay format.

Prerequisite(s): ENG 101 and 3 Additional Credits in ENG

ENG 325 - Advanced Writing for the Business Professional

3 credit(s)

This course is designed to improve the writing competence of the business student for management level communications. It utilizes rhetorical principles and strategies to help students shape their business writing and oral presentations ethically, for multiple audiences, and in a variety of professional situations. There is an emphasis on applying these rhetorical tools to on-the-job communications and to the development and editing of documents appropriate to business. Students will examine major forms of business and industrial writing, including correspondence, memoranda, and reports, such as executive briefs and annual reports.

Prerequisite(s): ENG 101 and 3 Additional Credits in ENG

ENG 420 - Presentation and Publication

3 credit(s)

The focus of this course is writing for professional presentation and publication. Students engage in researching, drafting, and revising professional-grade scholarships and disseminating their ideas in submissions to professional conferences and publications. Students critique their own work and the work of others in writing workshops and peer-review sessions as they gain experience in the process of developing content for a professional audience.

Prerequisite(s): ENG 101 and 6 Additional Credits in ENG

Funeral Service

FNS 202 - Funeral Service Management and Communication

4 credit(s)

This course provides an introduction to funeral service from first call to final service and disposition. Terminology used in funeral service is presented. Military, religious, fraternal, and governmental regulations and customs are discussed. Topics also include managerial skills, personnel procedures, records management, and accounting procedures. Overall communication techniques, and other tools to conduct funeral arrangements with the bereaved, clergy, other professionals, and the general public is practiced in a workshop setting.

FNS 205 - Restorative Art with Lab

4 credit(s)

This course presents a detailed study of the physiognomy and anatomy of the human body with special emphasis on the skull, face, and neck. The course prepares students for the reconstruction of areas of the body that have been distorted by traumatic injury and postmortem changes. Lecture and laboratory classes are closely correlated. The laboratory incorporates the use of models, synthetic forms, foundation materials, modeling instruments, and color theory and cosmetics.

Prerequisite(s): FNS 218

FNS 207 - Funeral Service Psychology and Counseling

3 credit(s)

This course will explore the psychological impact of death as it pertains to the bereaved at various stages of their lifespan as well as how it affects the funeral service practitioner. The various concepts of many death theorists will be explored in detail. Contemporary societal changes toward death and bereavement will be extensively examined, as well as its impact on the funeral service profession.

FNS 209 - Funeral Service Law and Socio-Ethics

3 credit(s)

This course considers the elements of business law with an emphasis on the funeral service professional. Consideration is given to the liability exposure of the funeral director in matters of tort and contract law. The principles of mortuary law are discussed, as are state/federal statutes, cemetery/crematory rules and regulations that govern the behavior of funeral directors and embalmers. Emphasis is placed on OSHA, FTC, ADA, wills, estates, probate laws, and regulations. Students will also examine the broader socio-ethical responsibilities inherent in funeral service practice and their intersection with legal compliance and professional conduct.

FNS 216 - Funeral Service History and Merchandising

4 credit(s)

This class covers an in-depth history of funeral service from ancient to contemporary time. Students build upon their knowledge of historical and cultural practices as it applies to funeral service. The course reviews the nomenclature of funeral goods, caskets, urns, outer burial containers, merchandising techniques, demonstration and use of the selection room, the Federal Trade Commission (FTC) Funeral Rule, and parameters of FTC compliant price lists.

FNS 218 - Embalming I and Thanato-Chemistry

4 credit(s)

This course includes a study of thanatology, introduction to thanato-chemistry, as well as the history and need for embalming. The pre-mortem and postmortem changes in the body are discussed, as is cellular decomposition and proteolysis. The chemicals, techniques, and instruments of embalming are introduced. Students will fulfill competencies in OSHA, Bloodborne Pathogen Standard, Hazard Communication Standard and Medical Waste Tracking Act.

FNS 220 - Embalming II and Cremation

3 credit(s)

Building upon the foundational theories from FNS 218 Embalming I and Thanato-Chemistry, exploration of methods of injection, aspiration, cavity treatment and troubleshooting are discussed at length. Various embalming chemicals and special purpose fluids are examined. Embalming procedures for special cases, autopsies, unusual and difficult cases (e.g. gangrene, edema, trauma, jaundice etc.) are covered. Topics include procedures for handling contagious remains, preparation for casketed and cremated remains for international shipment, and public safety, as well as preparing unembalmed bodies for disposition. The course covers the important

considerations when working with those that choose cremation as a form of disposition. Emphasizing cremation history, identification, authorization, forms, cremation merchandise, services FTC Compliance, and special circumstances.

Prerequisite(s): FNS 218

FNS 297 - Funeral Service Internship

5 credit(s)

Students experience the daily activities of a funeral home under the direct supervision of an approved Preceptor. This course is designed to deepen students' understanding of how funeral service is practiced. Exposure to all aspects of funeral service is included. Requirements: participation in ten (10) embalmings, participation in a minimum of five (5) of each of the following: first calls, transfers of human remains, arrangement conferences, and funeral services as well as completion of fifteen (15) funeral service forms. The student is expected to secure the internship site, with the approval from the Program Director and faculty.

Prerequisite(s): Departmental Permission
Corequisite(s): FNS 298

FNS 298 - Funeral Service Seminar

3 credit(s)

This comprehensive capstone course prepares Funeral Service students for professional licensure by providing a comprehensive review of the critical knowledge essential to successful National Board Exam performance. The course synthesizes theoretical knowledge, practical competencies, and professional standards across funeral service education, strategically targeting key assessment areas and licensure requirements. Students will engage in intensive, focused preparation to demonstrate mastery of professional competencies through rigorous diagnostic testing and targeted content review, ensuring readiness for national certification during the final semester of the academic program. An overall grade of an 80% is required to pass the course.

Prerequisite(s): Departmental Permission
Corequisite(s): FNS 297

History

HIS 101 - American History Since 1877

3 credit(s)

This course provides a study of America's political, social, intellectual, and diplomatic history

from its post-Civil War industrialization to the present. Topics cover Reconstruction and its aftermath, the development of a city-based industrial economy, World War I, the inter-war years, the New Deal, World War II, Vietnam, race relations, social and political conflicts, and later economic changes of the twentieth century. The course provides study of recent Presidential administrations and twenty-first-century domestic and international issues, including the impact of a global economy on contemporary America.

HIS 112 - Tracing the African American Experience

3 credit(s)

This course explores Black and African American history, unraveling the experiences, struggles, and triumphs that have shaped identity, access, and social justice in the American landscape. Students examine significant themes and interrogate pivotal issues and debates that characterize the Black and African American historical narrative from its ancient African origins to the present day. Emphasis is placed on the active agency and enduring resilience demonstrated by Black and African American people and their critical contributions to the American context.

HIS 120 - Introduction to Modern World History

3 credit(s)

This course examines the political, economic, cultural, and intellectual development of nations across the world in the years since 1900, as well as the emergence of non-governmental centers of power, such as terrorist groups and international corporations. Topics include The Scramble for Africa, World War I, the increasing importance of China and India in the Far East, the evolution of Israeli/Arab hostility, the independence movements in Africa, and global interrelations of the 21st century.

HIS 245 - History of Medicine

3.0 credit(s)

This course examines the development of medical theory and practice from ancient times to the present day, with particular emphasis on how medicine has reflected social hierarchies, influenced political movements, and responded to public health crises. Students will investigate historic and contemporary issues including the roots of early medicine, the impact of plagues and pandemics on society, racial disparities in healthcare, and ongoing conversations about healthcare access and practices. This course will emphasize critical thinking skills to evaluate how historical patterns of medical practice continue to influence present-day healthcare.

Prerequisite(s): ENG 101

HIS 310 - Social History of American Women

3 credit(s)

This course will dismantle the myths that women were passive bystanders to American history and made only insignificant contributions to society. It explores how diverse groups of women shaped the nation's culture, institutions, and identity from pre-Columbian times through the present. Students will discover how centering women's experiences in American history reconceptualizes dominant narratives about power, progress, and belonging. Students will develop skills in interpreting firsthand accounts and evaluating bias and perspective in sources. The course applies an intersectional framework to understand how race, class, gender, and sexuality have profoundly influenced women's lived experiences and historical agency.

Prerequisite(s): ENG 101

Health Science

HSC 101 - Introduction to Healthcare

3 credit(s)

This course introduces concepts that are fundamental to all healthcare occupations. Topics will include the structure of the healthcare system and current trends in healthcare. A variety of healthcare careers, including qualifications, educational requirements and personal characteristics will also be discussed. Finally, communication with patients and other professionals, lifestyle choices and ethical-legal issues will also be emphasized.

HSC 105 - Medical Terminology

3 credit(s)

This course teaches medical terminology through the presentation of root words, prefixes and suffixes. Correct spelling and pronunciation of these terms is stressed throughout. Introduction to common medical abbreviations, symbols and body systems will also be presented.

HSC 111 - Medical Law and Ethics

3 credit(s)

This course addresses medical ethics, medical practice acts, legal responsibilities of the health professional, professional liability and the civic duties of the health professional. The class makes use of the Internet, newspapers and other publications for the discussion of current events related to medical law and ethics.

HSC 120 - Health and Wellness

3 credit(s)

This introductory course covers health and wellness models. It includes healthy life style goals, such as diet, nutrition, weight control and exercise. Additionally, risk factors to poor health such as alcohol, illegal drugs, drug abuse, and smoking will be discussed. The course also covers mental health issues and the special needs of this patient population, along with patient education techniques.

HSC 218 - Interprofessional Learning and Collaboration in Healthcare

3 credit(s)

This course provides students with a comprehensive overview of professional practice in today's healthcare environment. Emphasis is placed on interprofessional collaboration, ethical decision-making, and clinical reasoning as students analyze case scenarios and explore the roles, responsibilities, and scope of practice across healthcare professions. Through the study of the continuum of care and social determinants of health, students will learn to approach patients as whole individuals and recognize the importance of teamwork in improving outcomes and satisfaction. Using the TeamSTEPPS framework, learners will strengthen communication and teamwork skills essential for effective care delivery. The course also addresses the realities of healthcare practice, including burnout, compassion fatigue, and strategies to promote personal well-being, balance, and long-term professional success.

HSC 240 - Introduction to Alternative and Complimentary Medicine

3 credit(s)

This course will examine the theory, philosophy and applications of complementary and alternative medicine within today's healthcare system. Students will learn about the many alternatives to traditional Western or allopathic medicine, and how these various models, systems and therapies impact on the delivery of healthcare in the United States. Students will become aware of the vast array of resources available and the type of training involved in license/certification.

HSC 310 - U.S. Healthcare Delivery Systems

3 credit(s)

This course will explore the U.S. Health System focusing on its historical development, current configuration and future direction. Included will be the study of health system development, key influencers, accessibility, financing, changing components and the effects the system has on patients, providers, financers, employers, government and insurers. Particular attention will be paid to the future direction of healthcare and what parts are likely to change.

Prerequisite(s): ENG 101 and 3 Additional Credits in Composition

HSC 312 - Organization and Administration of Long-Term Care

3 credit(s)

This course will include discussions of types and functions of long-term care facilities and related providers. Students participate in critical analysis of long-term care administration relating to reimbursement, resource use, quality assurance and ethical and legal issues.

Prerequisite(s): ENG 101 and 3 Additional Credits in Composition

HSC 350 - Continuous Quality Improvement

3 credit(s)

This course provides basic principles associated with Total Quality Management (TQM) and Continuous Quality Improvement (CQI). The concepts covered in this course will allow students to identify and solve issues surrounding quality management in healthcare organizations utilizing CQI tools and techniques. Through the use of case studies, current events, and textbook materials, students will learn how to identify problems, recommend improvements, and collect data to demonstrate process improvement.

Prerequisite(s): ENG 101 and 3 Additional Credits in Composition

HSC 410 - Epidemiology

3 credit(s)

This course introduces epidemiology and its uses. It will introduce the basic methods for infectious disease epidemiology and case studies of important disease syndromes. This course provides discussion of epidemiologic topics, methods, measure of disease occurrences, common types and sources of data, problems unique to the study of health and the environment, education on issues of environmental exposures and their human health effects.

Prerequisite(s): ENG 101; 3 Additional Credits in Composition; and STAT 167 or PBH 212

HSC 450 - Senior Capstone

3 credit(s)

As part of the completion of the B.S. in Health Science or B.S. in Public Health, each student will be required to complete a capstone, or culminating experience, prior to graduation. A capstone

experience is defined as one that requires a student to synthesize and integrate knowledge acquired in course work and to his/her learning experiences and to apply theory and principles in a situation that approximates some aspect of professional practice. This course provides an opportunity to study a practical and current issue selected by the students. Students will apply critical thinking, analytical abilities, and communication skills that integrate the core academic areas of public health including biostatistics, epidemiology, health education, health policy, and environmental health. The final course report acts as the official written comprehensive examination, the fulfillment of the culminating experience requirement.

Prerequisite(s): Completed in Final Semester with Departmental Permission
Corequisite(s): PSY 420

HSC 460 - Senior Internship

3 credit(s)

This course provides at least 150-hours of an approved preceptor, and facilitated by a full-time faculty member. Students who are in their final 9 credits of coursework will work on a project related to management, development, or administration in health science and/or public health. This course allows students to demonstrate professional competency in health sciences and/or public health sectors. The internship is an integral part of the Health Science and Public Health curricula as it is intended to broaden students' perspectives and provide experience in applying the theory and content learned in their didactic course work. For those students interested in pursuing a graduate degree upon completion of their bachelor's degree, an internship experience is strongly encouraged.
*Drug screen and Background Check required.

Prerequisite(s): Departmental Permission

Human Services

HSR 101 - Introduction to Human Services

3 credit(s)

This course provides a comprehensive introduction to the theory, knowledge, attitudes, values and skills necessary for one to become an effective human service professional. Topics include human services in the United States, historical perspectives in human services, populations served and needs addressed in human services. Students will also examine social policy and how various human services emerged and the forces that influenced their development. Human service careers, self-development and caring for oneself as a professional will also be addressed.

HSR 105 - Community Organization and Advocacy

3 credit(s)

This course focuses on the practice of advocacy in human services. Students will learn key principles, strategies, and hands-on skills that are commonly used in advocacy in multiple settings. The course highlights strategies and tactics used in advocacy, and the challenges and dilemmas organizers face in the field. Emphasis will be on agency, legislative, legal and community advocacy. Students will have an opportunity to design and execute an advocacy strategy within their areas of interest.

HSR 210 - Introduction to Research in Human Services

3 credit(s)

This course introduces students to research processes and methods in human services and related fields. Students will build skills for identifying peer-reviewed reports of empirical research, assessing their credibility, synthesizing these works, and evaluating the applicability of the findings to professional practice. Emphasis will be placed on constructing, presenting, and disseminating a brief literature review on a focused topic.

Prerequisite(s): ENG 101

HSR 222 - Foundations of Helping and Service Delivery

3 credit(s)

Competent human services professionals serve as change agents. They develop client relationships that are culturally sensitive, grounded in equality, and focused on facilitating independence. This course emphasizes the application of evidence-based approaches to service delivery and the development of autonomy-oriented helping skills. Autonomy-oriented professionals assume the client is capable and apply person-centered and strength-based approaches to service delivery. The skilled helping professional creates learning opportunities that support clients in building skills, gaining knowledge, and using tools to independently identify and implement solutions to clients self-identified problems.

HSR 235 - Introduction to Substance Use and Co-Occurring Disorders

3 credit(s)

This course provides a diverse overview of illicit and licit, or legal, drugs from an ecological perspective. Course topics include theories of substance use disorders; co-occurring disorders; effects of substance use on individuals, families, communities, and society; public policies responding to substance use disorders; and treatment options such as medication management. Students will learn how substances affect the brain, including genetics, epigenetics, drug pharmacology, and cellular and molecular biology.

Crosslisted as: PSY 235

HSR 240 - Disability, Society, and the Individual

3 credit(s)

This course provides students with a life-span perspective of disability. Students will examine the broad similarities and differences across a wide range of disabilities. They will analyze personal, historical, political, economic, and societal perspectives of individuals with disabilities in our society. Emphasis will be placed on the interaction among these perspectives.

HSR 297 - Human Services Internship I

3 credit(s)

This course is a 90-hour practical field experience and is the first of two Human Service Internship experiences. The course is based on the theories and learning outcomes associated with the overall human services curricula. It provides an opportunity for students to blend theory and practice through an actual supervised field experience at a human services organization. Students will be supervised in selected human service settings under the direction of the staff of the host organization and college faculty. Specific learning objectives for the experience will be developed through a collaboration of the student, host organization representative and faculty member. The 90 hours of field experience must be completed during the semester when the student is registered for this course, so students should plan their schedule accordingly.

Prerequisite(s): Department Permission, HSR 101, HSR 105, HSR 210, and HSR 222

HSR 298 - Human Services Internship II

3 credit(s)

This course is a 90-hour practical field experience and is a continuation of HSR 297. The course is based on the theories and learning outcomes associated with the overall human services curricula. It provides an opportunity for students to blend theory and practice through an actual supervised field experience at a human services organization. Students will be supervised in selected human service settings under the direction of the staff of the host organization and college faculty. Specific learning objectives for the experience will be developed through a collaboration of the student, host organization representative and faculty member. The 90 hours of field experience must be completed during the semester when the student is registered for this course, so students should plan their schedule accordingly.

Prerequisite(s): Department Permission, HSR 101, HSR 105, HSR 210, HSR 222, and HSR 297

HSR 312 - Youth Challenges and Interventions

3 credit(s)

This course examines the range of crises confronting today's youth and strategies to help them overcome those challenges. Students will explore the impact of drug and alcohol abuse, sexual and physical abuse, bullying, neglect and abandonment, pregnancy, gangs, peer pressure and other issues confronting youth. Particular focus will be on identifying issues, building effective relationships, implementing positive interventions, advocating for needed services, connecting with community resources, promoting positive behavior, and helping youth to develop self-esteem and self-advocacy skills.

Crosslisted as: SOC 312

HSR 325 - Case Management: Principles and Practice

3 credit(s)

This course covers the range of functions associated with case management in human services settings. Topics include service planning, needs assessment, referral procedures and follow-up and integration of services. Upon completion, students should be able to effectively manage the care of the whole person from initial contact through termination of services. Students will learn to integrate and utilize information obtained through intakes, assessments, and from other service providers to determine client needs and develop service plans. Emphasis will be placed on designing interventions based on the goals of those receiving services and evaluating the outcomes of the service provided. Organizing and documenting information will be covered as well as the written and oral presentation of that information to all relevant stakeholders. Students will develop skills in managing multiple aspects of human service interventions in dual roles of coordinator and provider of direct services. Coordination with and referral to other service providers will be addressed and the role and importance of professional ethics will also be incorporated.

Prerequisite(s): HSR 222

HSR 330 - Rehabilitation Counseling

3 credit(s)

This course provides the student with an understanding of the field and practice of rehabilitation counseling. It is designed to help students understand and work to overcome the barriers to full participation of people with disabilities in the community and society. The major elements encompassing the rehabilitation service system will be explored including the federally-legislated state/federal program, the not-for-profit community, rehabilitation programs, and the private, for-profit rehabilitation counseling business. The course will address the disability rights movement

and the history of significant disability-related legislation as well as the scope of practice in rehabilitation counseling. Students will study the professional issues related to the role of the rehabilitation counselor, the process of rehabilitation, and develop an understanding of a wide-range of techniques and methodologies utilized by professional rehabilitation counselors.

Prerequisite(s): HSR 101

HSR 335 - Social Policy in America

3 credit(s)

In this course, students examine the historical context for ideological philosophies centered around social policy in America and the viewpoints that currently dominate society. Emphasis is placed on analyzing federal, state, and local social policies that affect agencies, organizations, and individuals at all levels of society. Students assess the design and management of social service supports and programs (e.g., health, education, housing, safety, social justice) within a constantly changing political and social environment.

Prerequisite(s): HSR 101 and HSR 105
Crosslisted as: SOC 335

HSR 345 - Veterans Service and Services

3 credit(s)

Students will study the experiences, challenges, and needs of United States military veterans, active duty military personnel and their families. Among the issues explored are the human impact of war; Veterans Administration, benefits and services available to veterans; service-connected disabilities such as Post Traumatic Stress Disorder (PTSD), Traumatic Brain Injury (TBI), mental health issues, drug and alcohol abuse, and amputation; unique needs of and services for minority veterans; homelessness; and available support services.

Prerequisite(s): HSR 101

HSR 350 - Crisis Prevention and Intervention

3 credit(s)

This course introduces concepts, principles, and techniques of crisis theory and response practices. Specific types of crises are reviewed such as developmental, abuse, trauma, and grief and loss. The range of cognitive, emotional, and behavioral responses of those experiencing crises will be explored. Topics will include how people process and experience responses to crises, how these responses translate to actions, and how to effectively manage crises. Students will learn about trauma informed and evidence-based intervention strategies to deescalate and support

people in crises. Importantly, professional challenges associated with conducting crisis intervention work and issues such as compassion fatigue and stress management will be examined.

Prerequisite(s): HSR 101

HSR 355 - Domestic Violence

3 credit(s)

This course provides a comprehensive introduction to the history of domestic violence, research related to issues of family violence, intake, interviewing and assessment skills, and theories of family violence. In the literature, the terms "family violence" and "domestic violence" are often used interchangeable. Students will gain knowledge of domestic violence as it relates to children, adolescents, partners, the elderly, and individuals with disabilities. This course will examine populations that include cross-cultural, ethnic, racial, rural, same-sex, and military groups. Students will explore strategies, interventions, and resources to meet the needs of individuals in a domestic violence situation. Finally, students will be required to research various topics related to family and domestic violence.

Prerequisite(s): HSR 101
Crosslisted as: SOC 355

HSR 410 - Human Trafficking

3 credit(s)

This course introduces students to contemporary human trafficking and related issues. Topics include various types of human trafficking and the scope of the problem, both domestically and globally. Students will also learn about the physical, emotional, and psychological trauma experienced by victims of human trafficking and the methods that are used to recruit and control them. The roles that government, the media, faith-based organizations, organized crime, and culture play in this complex issue will also be explored.

HSR 493 - Human Services Capstone I

3 credit(s)

The Human Services Capstone I is the first of two in-depth, student-centered field experience courses. This course requires the student to perform a 120-hour fieldwork experience at a human service organization where they will integrate the knowledge, theory, skills and professional behaviors that they have learned in the classroom. The 120 hours of field experience must be completed during the semester when the student is registered for this course, so students should plan their schedule accordingly.

Prerequisite(s): Department Permission and PSY 420

HSR 494 - Human Services Capstone II

3 credit(s)

The Human Services Capstone II is an in-depth, student-centered course that requires the student to perform a 60-hour fieldwork experience where they will integrate the knowledge, theory, skills, and professional behaviors that they have learned in the classroom. Utilizing this experience, students will identify and conduct a final research project. The student will explore, research, evaluate, and theorize a focused area of his/her interest within the human services field. Topics many include a specific population issue, current problem, information gap, culturally diverse client populations or a student/organization identified service need. The 60 hours of field experience must be completed during the semester when the student is registered for this course, so students should plan their schedule accordingly.

Prerequisite(s): Department Permission, PSY 420, and HSR 493

Humanities

HUM 100 - Introduction to the Humanities

3 credit(s)

The human condition is marked by shared universal experiences including birth, growth, emotion, aspiration, conflict, and mortality. Over the millennia, humans have cultivated the humanities in various modes to characterize and communicate their experiences with others. In this course you will investigate what it means to be human and how our shared experiences have impacted our contributions to the arts, history, and culture. Course readings and materials will emphasize different artistic modalities and diverse cultures and civilizations.

HUM 202 - Art History and Appreciation

3 credit(s)

This course introduces students to the arts, especially painting, sculpture, and architecture, from antiquity to the present. Students will develop their own aesthetic and humanist values, understand the elements and principles of design, and appreciate the arts.

HUM 210 - Music and the Humanities

3 credit(s)

The human condition is marked by shared universal experiences including birth, growth, emotion, aspiration, conflict, and mortality. By examining music originating on all Earth's continents throughout the history of human beings, a guided analysis of the similarities and differences across many cultures will result in increased understanding and appreciation of this art form. Special attention will focus on current practices that acknowledge how music and sound are important for people's health and wellness.

HUM 320 - Exploring the World's Diverse Cultures

3 credit(s)

This course focuses on themes and concepts in Cultural Anthropology that have been used to understand people of the world and cultural diversity, with an emphasis on social change and globalization. Students will read and analyze case studies on different societies in the world in addition to conducting an observational fieldwork project.

Independent Study

IS 110 - Portfolio Review for Experiential Credit

1 credit(s)

This course provides students with the opportunity to organize, assess, and articulate their knowledge and skills acquired through work and life experiences. Students will develop a Credit for Experiential Learning Portfolio to demonstrate their prior knowledge and relate that learning to specific college-level curricula. Students interested in completing a portfolio should meet with their program director to identify courses that are appropriate for this process. Students must meet with the portfolio review instructor to complete a portfolio review agreement in order to register for the course. Portfolios will be reviewed by an Assessment Committee for possible award of experiential college credit.

Prerequisite(s): Permission from Portfolio Review Instructor

IS 289 - Independent Study

1-12 credit(s)

This course provides students with the opportunity to design and conduct an in-depth study/project within their major field of study under the guidance of a faculty mentor and with permission of the department chairperson. The faculty and chair determine the appropriate level of the Independent Study. Independent Study Contracts are available from the Registrar's office. Students should meet with their faculty mentor to discuss the proposed study and to obtain approval prior to registering for the course. Independent Studies must meet all the requirements outlined in the Goodwin University Catalog.

Prerequisite(s): Departmental Permission

IS 389 - Independent Study

1-12 credit(s)

This course provides students with the opportunity to design and conduct an in-depth study/project within their major field of study under the guidance of a faculty mentor and with permission of the department chairperson. The faculty and chair determine the appropriate level of the Independent Study. Independent Study Contracts are available from the Registrar's office. Students should meet with their faculty mentor to discuss the proposed study and to obtain approval prior to registering for the course. Independent Studies must meet all the requirements outlined in the Goodwin University Catalog.

Prerequisite(s): Departmental Permission

IS 489 - Independent Study

1-12 credit(s)

This course provides students with the opportunity to design and conduct an in-depth study/project within their major field of study under the guidance of a faculty mentor and with permission of the department chairperson. The faculty and chair determine the appropriate level of the Independent Study. Independent Study Contracts are available from the Registrar's office. Students should meet with their faculty mentor to discuss the proposed study and to obtain approval prior to registering for the course. Independent Studies must meet all the requirements outlined in the Goodwin University Catalog.

Prerequisite(s): Departmental Permission

Manufacturing

BMM 100 - Introduction to Manufacturing

3 credit(s)

This course provides a comprehensive introduction to the field of manufacturing. It introduces the student to the structure and operations of the well-running manufacturing organization. The lean production process is described, as well as the controls needed to ensure that high-quality products are manufactured at a competitive cost. The importance of meeting customer requirements is stressed. Functions that support the production process such as Quality Management and Logistics and the Supply Chain are evaluated. The role and importance of the suppliers to the company is explored. The efficient use and maintenance of production equipment

is explained. Problem solving techniques are defined and their usage is described. Several inventory techniques are compared. Interpersonal skills used in leadership, teaming and meetings are emphasized. Advanced manufacturing equipment, processes and techniques are introduced.

BMM 101 - Key Principles of Manufacturing

3 credit(s)

This course explores the exciting field of manufacturing. It introduces the student to concepts of production, logistics and inventory controls and their relationships to the local and global economy. The basic principles and practices of a safe and productive manufacturing environment are explored. Safety instruction covers topics including; Material Safety Data Sheets (MSDS), confined space, lock out/tag out, zero energy state, hazardous materials, storage of flammable materials, storage of fuel gas and high pressure gas cylinders, portable powered-tool safety, hand-tool safety, record keeping, training, employer enforcement of safety regulations, and right to know. This course also covers communication and teamwork skills as they relate to the manufacturing workplace and explores the roles and responsibilities in managing customer expectations. This course will use lecture, group work, online simulation and programming to prepare students for Production Certification Testing through Manufacturing Skill Standards Council (MSSC).

BMM 102 - Safety Practices in Manufacturing

1 credit(s)

This course provides a safety orientation for all participants. It will teach best practices for work to create a safe and productive workplace. This includes the identification of unsafe conditions, the use of personal safety equipment, safety procedures, types of emergency drills and teams, and performing environmental inspections. Students may earn a Safety credential from MSSC.

BMM 110 - Technology in Advanced Manufacturing

3 credit(s)

This course introduces the student to the manufacturing processes through an exploration of the basics of production, the types and sources of raw materials as well as production processes that include casting, molding, and forming. Students explore the types of machining, conditioning of parts, finishing and assembly. Additional topics include manufacturing planning, production control, and product distribution. Students will be expected to understand the product life cycle from conception through distribution. This course also focuses on technologies used in production processes. Basic power systems, energy transfer systems, machine operation and control will be explored. A focus on safety and quality for continuous improvement is highlighted. This course will use lecture, online simulation and programming to prepare students for Production Certification Testing through Manufacturing Skill Standards Council (MSSC).

BMM 125 - Manufacturing Logistics

3 credit(s)

Introductory logistics classes familiarize students with the basic concepts of product distribution and the terminology used in the logistics field. Students learn the process of planning effective product distribution and discuss methods of transportation and traffic management techniques. Other topics covered in introductory logistics classes may include inventory control, protective packaging and customer service. This course will use lecture, group work, online simulation and programming to prepare students for certification as a Manufacturing Logistics Technician (CLT) through Manufacturing Skill Standards Council (MSSC). This credential requires the successful completion of two exams, the CLA at the midterm and the CLT at the final. Students must pass the CLA exam before they can be admitted to the CLT exam.

BMM 126 - Introduction to Material and Logistics Management

3 credit(s)

This course will cover all the essentials of materials management, manufacturing planning, purchasing and physical distribution of products from marketing to customers. Students will learn production planning and material requirements planning (MRP), enterprise resource planning (ERP) and capacity planning. Case studies and in-class exercises will provide students with a step-by-step approach to calculate and analyze inventory lot sizes, Kanban, safety stock, forecasting and logistics requirements. In addition, students will develop skills in, lean production, JIT manufacturing and terms for use in global supply chain management.

BMM 135 - Green Manufacturing

3 credit(s)

This course provides an overview about green technologies and green jobs in manufacturing. Students will develop the skills necessary to preserve and restore environmental quality and create a green working environment for your company. This course introduces students to local, state and national green/clean/lean/sustainable resources, share industry success stories (learn how your business neighbors are implementing sustainable practices) and gather input from companies on what educators should be doing to prepare the current/future green workforce. This course will use lecture, group work, online simulation and programming to prepare students for Green Manufacturing Technician Certification Testing through Manufacturing Skill Standards Council (MSSC).

BMM 140 - Principles in Manufacturing Mathematics

3 credit(s)

This course begins with a review of basic operations of numbers, fractions and decimals. It then covers the practical mathematics that every machinist is expected to use in the shop in the creation of machined parts and maintenance of tools and fixtures. This includes common fraction to decimal and vice-versa conversions, inch to metric and vice-versa conversions, calculating part and feature dimensions and locations, calculating speeds and feeds, calculating tap drill sizes with formulas and charts, converting surface feet per minute to RPM's, calculating tapers for machine set-up, plane geometry calculations, sine bar set-up, measurements of right triangles, angular and simple indexing calculations.

BMM 141 - Shop Mathematics Lab

1 credit(s)

This lab provides the machinist advanced mathematic procedures used within industry. Including but not limited to: CNC part orientation and position, cutting time and volumetric removal rates, polar and angular movements, determining correct speeds and feeds based on materials being machined and other practical mathematic equations.

BMM 151 - Welding Safety

3 credit(s)

The Welding Safety course includes fundamental process of safety, creating a safe weld environment, thinking in 3 dimensions, and the safe use of tools & equipment as well various shop safety practices related to the welding industry and fabrication environments.

BMM 153 - Welding Principles

3 credit(s)

This course introduces students to basic weld principles including various welding types, techniques, properties, weld standards, certification process, visual inspection plans, testing methods and trouble shooting. Students learn preparation and fit-up various welding joints, weld positions, weld symbols, classification of materials, material science involved when welding, and mechanical properties associated in welding.

BMM 155 - Welding Fabrication

3 credit(s)

This course introduces students to basic weld shop fabrication practices including various welding plans, blueprints, organization and coordination necessary for safe welding shop work practice. This includes the ongoing continuation of Workshop Process Sheet (WPS) practices, the development of material lists, consumables and weld fabricate projects per WPS and competency

based lab exercises. Project based lessons that include weld repairs and new fabrication projects provide for increased development of welding skills and techniques.

BMM 157 - Thermal Cutting

3 credit(s)

This course in thermal cutting involves various process methods in which to cut, shape and partition fabricated components including fundamentals, techniques, safe use of equipment as well various lab activities. Methods in this course include use of plasma arc cutting, oxygen fuel cutting (OFC) and use of computerized numerical control (CNC) table to cut sheet and plate materials with plasma arc.

BMM 175 - CNC Machining

3 credit(s)

This course focuses on the modern computer numeric control (CNC) operator. Through the use of interactive virtual simulators students learn the essentials of CNC machining. Participants will learn mill, lathe and grinder set-up and operation; tool identification, set-up, use and maintenance; statistical process control (SPC); and the skills operators need. Students will experience lecture, demonstration, and online simulation to prepare for NIMS certification as a CNC operator.

BMM 181 - Introduction to Mechatronics

3 credit(s)

This course covers the introductory principles of operating and maintaining most types of equipment found in an industrial environment. Providing a sound foundation of basic knowledge, the course begins with a general introduction to hand tools, fasteners and basic mechanical principles. Emphasis will be placed on providing the student with a basis for troubleshooting, industrial mechanics, maintenance practices, service and repair and safety.

BMM 183 - Basic Electrical

3 credit(s)

Basic Electrical is a study of electrical components in a complex mechatronics system. This course consists of labs and/or class activities. Topics covered include electrical safety, basic functions and physical properties of electrical components, troubleshooting techniques and strategies to identify, localize, and correct malfunctions, and systematic preventative.

BMM 185 - Hydraulics and Pneumatics

3 credit(s)

This course is an introduction to the basic hydraulic and pneumatic systems and devices found in advanced manufacturing facilities. Underlying scientific principles and their practical applications are covered. The laboratory reinforces the principles learned through hands-on experiments.

BMM 187 - Mechanical Drives and Kinematics

3 credit(s)

Mechanical Drives is a study of the basic mechanical components in a complex mechatronics system. This course consists of corresponding labs and/or class activities. Topics covered include basic functions and physical properties of mechanical components and their roles, including materials, lubrication requirements, and surface properties. The course will cover troubleshooting techniques and strategies to identify, localize and correct malfunctions; systematic preventative maintenance; and electrical and mechanical component safety. Technical documentation such as data sheets and specifications of mechanical elements also are covered

BMM 189 - Electrical Schematics

3 credit(s)

This course is a study of the principles of electrical and electronic layout and drawings, stressing modern representation for block diagrams, schematic diagrams, logic diagrams, wiring/assembly drawings, printed circuit board layouts, motor control diagrams, power distribution diagrams, and electrical one-line diagrams

BMM 190 - Computer Aided Design (CAD)

3 credit(s)

Solidworks is a Computer-Aided Design (CAD) course which introduces students to Solidworks software and the fundamentals of drafting while preparing students to develop necessary skills to meet the demands of modern, technical drawing. Students will apply measurement, proper dimensioning and geometric construction skills to successfully communicate their mechanical drawing ideas, using real-world designs. With Solidworks, students will learn the skills to transform ideas and concepts into working drawings that can be used in the manufacturing industry.

BMM 191 - Advanced SolidWorks

3 credit(s)

Advanced SolidWorks moves students from entry drafting knowledge to more advanced topics.

Students will create multipart 3D models, assembling models with mates, create advanced detailed multi sheet blueprints, solids, surfaces, sheet metal, and advances geometric construction techniques. With the goal of passing the Certified SolidWorks Associate (CSWA) exam.

Prerequisite(s): BMM 190

BMM 210 - Lean Manufacturing Principles

3 credit(s)

This course introduces the student to the philosophical background, historical development, and fundamental concepts of lean manufacturing with a focus on the Toyota Production System. Students explore lean strategies around inventory, lead time, and cultural change requirements. Students learn strategies for lean implementation, planning, goal setting and sustaining gains. The course also applies to the application of lean disciplines and concepts to service and support industries. The use and implementation of lean disciplines promote continuous improvement, eliminate waste, reduce operating cost, improve quality, and achieve measurable improvement in customer satisfaction.

BMM 220 - Materials and Processes in Manufacturing

3 credit(s)

Students are provided with essential information on material properties, material behaviors and material manufacturing processes. The atomic, crystal, grain and defect structure will be introduced, and their effect on the mechanical properties of materials will be presented. Equilibrium phase diagrams will be discussed. An understanding of the properties of iron alloys and steels will be developed. Material processing techniques such as heat treatment, casting, metal forming, welding, coatings and adhesive bonding will be covered. Powder metallurgy processing and material processes will be introduced along with a brief introduction to non-destructive test (NDT) methods.

BMM 221 - Warehouse and Distribution Center Management

3 credit(s)

This course will introduce the student to distribution and warehouse management with emphasis on supply chain networks. Students will learn various aspects of warehouse operations management, bar coding, radio frequency (RFID), Kanban, just-in-time (JIT) manufacturing, inventory replenishment systems and third party logistics, including analysis of warehouse locations, operations and management. This course also describes controls and procedures, financial analysis, security, cargo, materials handling, productivity and legal/export requirements.

BMM 222 - Technical Drawings and Specifications

3 credit(s)

This course introduces the basic principles of engineering drawings. It addresses line types, orthographic projection, and isometric views that are used in industry standards. The six basic views of parts are designed to acquaint the student with a pictorial vision of a 3D part in a flat pattern view. Areas of study include: line types, orthographic projection, isometric views, fundamental tools of title block information, drawing standards, general and special notes such as quality assurance data, non-destructive testing, symbology, geometric dimensioning and tolerancing parameters, blueprint drawing abbreviations, linear units of measurement, rules of dimensioning, inclined surfaces, measurement of angles, holes and bolt hole patterns, drawings to scale, blueprint revisions and notes. Upon completion, students should be able to interpret basic prints and visualize the features of a part or system.

BMM 223 - International Logistics

3 credit(s)

This course will review the principles and practices of international logistics including the transportation and distribution process. Students will learn international distribution systems and various multimodal transportation methods. Other topics that will be examined include: currency, fees, tariffs, trade policies and import and export regulations. Students will also develop international logistics knowledge of packaging, security requirements and the various forms of documentation required for international logistics.

BMM 224 - Metrology and Calibration

3 credit(s)

This course focuses on how to develop, implement, and maintain a calibration system. Evaluation of the calibration program is further deepened through continuous improvement efforts. Conformity to ISO 9001 requirements enhances the credibility of calibration systems to ensure reliability and traceability. This course looks at calibration processes such as calibration procedures and records, out of tolerance conditions, calibration schedules and intervals. Students will learn and practice techniques for setting size blocks to predetermined distances to measure product, develop continuous improvement programs, create training programs and audit the calibration system.

BMM 225 - Transportation Traffic and Contract Management

3 credit(s)

This course will provide students with an understanding of the fundamental role and importance of transportation in companies and in society, as well as the complex environment in which transportation service is provided today. Topics covered include in-depth examination of the

various modes of transportation including discussions of regulations, economics and various aspects that characterize transportation modes. Students will learn costing and pricing issues related to transportation and the relationships between buyers and sellers of transportation.

BMM 226 - Principles of Quality Management

3 credit(s)

This course addresses the study of theory and practice for quality management. The theories of past management contributors are examined as a precursor for today's quality management practices. An in-depth view of the writings from Philip Crosby, W. Edward Deming, Armand Feigenbaum, Kaoru Ishikawa, Joseph Juran, John Oakland, Taiichi Ohno, Shigeo Shingo and Genichi Taguchi are examined. This course introduces the student to contemporary developments in theory and practice of quality thinking to improve quality systems. Applied principles and techniques of quality philosophies are examined and utilized to drive resolution in quality manufacturing. Benchmarking and lean tools for continuous improvement and quality circles to engage both internal and external stakeholders are reviewed. What are Quality Systems and how does ISO 9001 affect them; how is ISO 9001 interpreted and what are its limitations. Areas of study include: barriers to quality, the emergence of management, contingency theory, critical systems thinking including Senges Learning Organization, managing responsibilities of a quality system, a comparison of significant contributors to quality theories and organizations as systems.

BMM 227 - Lean Supply Chain and Logistics Management

3 credit(s)

This course introduces the student to the philosophical background, historical development, and fundamental concepts of lean with a focus on supply chain and logistics. Students explore lean strategies around inventory, lead time, and cultural change requirements. Students will learn the various processes and terminology used in managing supply networks. These functions include the overview of customer requirements, order entry systems, MRP, quote process and generation/issue of purchase orders, roles and functions of purchasing, inventory control, physical distribution, warehousing, transportation methods, packaging, and customs. Lean and analytical techniques will be applied to improve customer metrics. The use and implementation of lean disciplines promote continuous improvement, eliminate waste, reduce operating cost, improve quality, and achieve measurable improvement in customer satisfaction.

BMM 228 - Quality Management and Supplier Integration

3 credit(s)

This course addresses current quality improvement concepts and techniques in industry with an emphasis on integrating the supplier in the internal quality process. This course introduces lean principles as they are used as tools in organizations to improve quality systems. Applied

principles and techniques of quality philosophies are examined and utilized to drive resolution in quality manufacturing. Areas of study include: process control charts, nature of variation, attributes and variable charts, managing responsibilities of a quality standards in the supply base, concept of poke-yoke, and comparison of significant contributors to quality theories.

BMM 229 - Advanced Metrology and Calibration

4 credit(s)

This course builds upon the foundations of measurement science from BMM 224 Metrology & Calibration, by primarily focusing on working in the laboratory in a hands-on environment. Students will learn proper measurement techniques using the tools of the trade on real-world parts. This lesson brings the student through basic hand tools and techniques up through the programming and operation of coordinate measurement machines (CMMs). This course will prepare the modern day machinist or quality specialist with the tools they need to make precise measurements in their chosen profession.

BMM 235 - Layout Inspection

3 credit(s)

This course provides in depth instruction in the processes of inspection of precision manufactured parts. Emphasis will be placed on the use of the surface plate, hand tools and manual inspection processes, also known as "Layout Inspection". Participants demonstrate competence in how to measure work-piece features specified in accordance to ASME Y-14.5 Geometric Dimensioning and Tolerancing (GD&T). Indirect measurements that require review and use of basic geometry and trigonometry will be included along with direct measurements of part dimensions. Students should be familiar with basic blueprint reading with GD&T, and possess skills in using fundamental measuring tools, including the ruler, caliper, micrometer, indicator, and gage blocks.

BMM 240 - CAM I

3 credit(s)

The purpose of this course is to review design and manufacturing software and instruct the student on feature-based modeling systems called SolidWorks and Mastercam. Students will learn how to create simple 2-D objects such as lines and arcs to create CAD solid models and add numerical dimensions and geometries. After CAD Models are created in SolidWorks, the files will be loaded into Computer-Aided Manufacturing (CAM) Mastercam for CNC programming.

BMM 241 - CAM II

3 credit(s)

Graphical software is used to generate part programs for CNC Turning and Milling operations. Emphasis of the course is to learn additional elements of Computer-Aided Manufacturing (CAM) to manipulate engineering part geometry and convert screen graphics into Computerized Numerical Control (CNC) programs. Students will learn the fundamentals of how to file and manage part models from design to manufacturing. Mastercam software will be applied for CNC programming of more complex 3-D CAD files.

Prerequisite(s): BMM 240

BMM 252 - Introduction to Shielded Metal Arc Welding (SMAW)

3 credit(s)

This is an introductory course to Shielded Metal Arc Welding (SMAW). Participants will learn the process fundamentals, techniques, safe use of tools & equipment as well various lab weld activities, positions, joints types and materials. Course techniques include proper set up of SMAW equipment and learn proper electrode selections for various welding applications. Participants also learn to trouble shoot, identify and correct weld discontinuities and produce sound welds.

BMM 254 - Introduction to Flux Core Arc Welding (FCAW)

3 credit(s)

This course is an introduction to flux core arc welding (FCAW). Participants learn the process fundamentals and techniques; safe use of tools & equipment as well various lab weld activities, positions, joints types and materials associated with the use of fluxed core arc welding. Participants will demonstrate the use of proper wire, diameter, speed, amperage, polarity and adherence to workflow process sheets (WPS) as well as post weld inspection techniques.

BMM 256 - Introduction to Gas Tungsten Metal Arc Welding (GTAW) / Tungsten Inert Gas (TIG)

3 credit(s)

This course is an introduction to gas tungsten metal arc welding (GTAW), also known in shop terms as tungsten inert gas welding or (TIG) welding. Students develop competencies that include GTAW process fundamentals, techniques, safe use of tools & equipment as well various lab weld activities, positions, joints types and materials while using GTAW. This course includes joining various metals types as well as joining sheet, plate and pipe. Non Destructive Testing (NDT) and destructive testing are used to ascertain proper weld techniques and conformance to Weld Procedure sheets WPS.

BMM 258 - Introduction to Gas Metal Arc Welding (GMAW) / Metal Insert Gas Welding (MIG)

3 credit(s)

This course is an introduction to Gas Metal Arc Welding (GMAW) or more commonly known as Metal Inert Gas Welding (MIG). Competencies developed include process fundamentals, techniques, safe use of tools & equipment as well various lab weld activities, positions, joints types and materials while using MIG. Students develop basic and more advanced skills in gas metal arc welding and adherence to weld procedure sheets using multiple skill based projects.

BMM 275 - CNC Machining II

3 credit(s)

This course provides additional concepts of CNC and the importance of fixtures and tooling and how they interface with Mastercam software. CNC programs will be developed to perform contouring operations for milling machine centers. Application of more complex features will be used to develop G and M codes to produce CNC programs to produce Climb, Pocket and Contour milling. Tooling interface, speed and feed rates will be developed along with X, Y, Z data using the Cartesian coordinate system.

BMM 276 - CNC Machining Applications

3 credit(s)

CNC programming tasks are applied to produce more complex part geometries with added features. Parts geometries will be milled and turned based on solid model geometry. Various operations will be performed where parts are located using datum dimensions. Setup, fixtures, and tooling will be used to produce hardware. Multi-featured parts will be measured and inspected per work instructions and geometric tolerance requirements including true position, perpendicularity, flatness and other requirements.

Prerequisite(s): "C" or higher in BMM 275

BMM 281 - Motor Control

3 credit(s)

This course covers the principles of AC and DC motors, motor control, and general machine operations in a complex mechatronic system. Students will learn the functions and properties of machine control elements and the roles they play within the system. Topics covered will include general machine operations and motor control techniques; mechanical components and electric drives; motor sensors, braking and loads; motor efficiency and power; preventive measures and

troubleshooting techniques. Technical documentation such as data sheets, circuit diagrams, schematics, displacement step diagrams and function charts will also be covered. By understanding and performing measurements on motors and motor control circuits, students will learn and apply them to troubleshoot.

BMM 283 - Programmable Controllers

3 credit(s)

Programmable Controllers is a study of the basic digital logic and programmable logic controllers (PLC) in a mechatronics system using the automation system. This course consists of corresponding labs and/or class activities. Topics covered include basic PLC functions and testing; industrial applications of PLC requiring motion control; troubleshooting techniques and strategies to identify, localize, and correct malfunctioning PLCs; and writing small programs and problem-solving using computer simulations.

BMM 285 - Industrial Electrical Maintenance

3 credit(s)

This course covers the installation methods and material used in industrial wiring. Topics included are transformer and motor selection, busways, grounding, power factor correction, distribution, hazardous locations, and troubleshooting.

BMM 287 - Industrial Robotics

3 credit(s)

Industrial Robots is a study of the working of mechanical manipulators in a safe manner and the uses of industrial robots in manufacturing. This course consists corresponding labs and/or class activities. Topics covered include robotic nomenclature, classifications, applications, input/output sensor interfacing, and work cell design; different methods for programming an industrial robot using manufacturer software and for computing the positions, orientation, and frames of a robot manipulator design.

BMM 289 - Machining and Pipe Fabrication

3 credit(s)

This course covers the introductory principles of operating a manual vertical mill and lathe. Providing a sound foundation of basic knowledge, the course begins with a general introduction manual machining, and pipe fitting. Emphasis will be placed on providing the student with a basis of knowledge to fabricate small parts without technical prints.

BMM 291 - Robotics and Automation Programming

3 credit(s)

This course introduces the Fanuc programming language. It addresses how to create movement routines for the operation of Fanuc robots in an industrial setting. Explain how to use 3-demincional space for robot arm, and end-arm movements. Upon completion, students should be able to program a Fanuc robot from a tech pendant and in a virtual space.

BMM 293 - CMM Programming

3 credit(s)

This course introduces PC-DMIS measurement programming software. It addresses how to create basic alignments for part measurement using the six degrees of freedom related to a part. Explains how to use a 3-dimensional model for feature callouts and measurement creations for measurement routine creations. Upon completion, students should be able to import 3-demincional part files and create a functional measurement routine.

BMM 320 - Facilities and Planning

3 credit(s)

This course provides students with a broad, practical understanding of the facilities planning and design process. The critical nature of a global supply chain and the need for efficient material handling is discussed and approaches to designing optimal handling systems are examined. The tools of operations, the systems involved in manufacturing and facilities and the development of quantitative approaches to planning are examined. Participants engage in real-world examples and problems to understand the practices of facilities planning.

BMM 350 - Six Sigma Green Belt Training

3 credit(s)

Students will organize, prepare, plan, and execute problem solving approaches using Six Sigma methods structured under the Define, Measure, Analyze, Improve, Control (DMAIC) framework. Students will Define the problem using project selection, scoping, planning and SIPOC tools. The Measure phase will consist of QFD, Measurable CTQ's, Sampling (Data quantity and Data quality), Measurement System Analysis, Statistical Process Control, and Capability Analysis. The Analyze phase will encompass Graphical tools, Management and Planning Tools (Affinity, ID, etc.). Confidence Intervals, Hypothesis testing, ANOVA, Regression, and Conceptual designs in DFSS. The Improve phase will capture Design of Experiments (DOE), piloting of DMAIC improvements, FMEA, Mistake Proofing, and DFSS Design Tools. The Control phase concludes the approach with developing Control Plans, SPC, and piloting new designs. Lean tools to identify waste and drive continuous improvements will include Value Stream Mapping, 8 Wastes

identification, and visual management tools including 5S and TPM. Students will be provided the opportunity for testing to receive their Six Sigma Green Belt.

BMM 355 - Manufacturing Regulations and Compliance

3 credit(s)

This course examines the manufacturing regulation system that is focused on real manufacturing issues as related to ISO 9001, whose quality standards are designed to help ensure the needs of the stakeholders and customers are met. Also examined are the requirements of federal regulatory agencies such as OSHA, the EPA, state and local compliance agencies, and other regulatory bodies that support health, safety and the environment for industry.

BMM 375 - Advanced Lean Manufacturing

3 credit(s)

This course provides students with the necessary skills for aligning lean activities with strategic objectives, solving real process problems and continuously improving operations. This course moves knowledge to application. The course has a focus on value stream assessment skills to identify and remove waste in a process and maintain the new standard. Participants learn how to apply such advanced lean tools as Kanban (pull systems), Just-in-Time (JIT), and TPM (Total Productive Maintenance). In addition, students will more deeply explore such basic Lean concepts as process controls, visual controls and 5S; then use these tools to uncover opportunities and make improvements that align with strategic objectives.

BMM 399 - Manufacturing Internship

3 credit(s)

This course provides students with the opportunity to apply and expand manufacturing skills and knowledge in a hands-on workplace environment while fulfilling the needs of the internship sponsor. Students will have a work-site supervisor who will assign duties in the workplace, combined with regularly-scheduled campus sessions with their Goodwin course instructor to assess progress, problem areas, areas for growth, and to review appropriateness of work involvement. The student must complete a minimum of 150 hours for this course, of which 135 hours are at the work site. Students must successfully interview with the sponsoring company for the internship position in order to remain enrolled in the course. This interview must occur prior to the second week of class.

Prerequisite(s): Departmental Permission

BMM 440 - Industrial Safety

3 credit(s)

Stakeholder safety is a critical component of running a successful business, whether the business is in manufacturing, healthcare or banking. Participants in this course will learn to identify ways to reduce workplace and job-related hazards to keep workers, clients and environmental conditions safe. Procedures for handling common industrial materials are examined. Participants learn to select proper protective gear, avoid common industrial accidents, and respond to potential hazards found in the workplace. Participants in this course will integrate contemporary safety practices into risk assessment plans for their organizations based on state, federal and industry safety standards.

BMM 460 - Quality Management Systems

3 credit(s)

This course addresses current quality improvement concepts and techniques in industry with an emphasis on modern manufacturing requirements. This course introduces the fundamental tools of Statistical Process Control (SPC) as they are used in industry to reduce costs, identify root cause, and increase productivity at a predictable quality level. Applied principles and techniques of total quality management systems will be utilized to ensure correct definition, measurement, analysis, improvement and control (DMAIC) of common manufacturing problems. Areas of study include: basic statistical and probability theory, sampling techniques, process control charts, nature of variation, histograms, attributes and variable charts, managing responsibilities of a quality standards department, development of grades/standards of quality, acceptance sampling/inspection, recording and reporting/use of control charts.

BMM 475 - Product Development Management

3 credit(s)

Students are introduced to concepts of material structure, property and testing methods as they relate to material selection and processing decisions. Participants learn the strategies and processes to respond to customer needs for product creation and modification. Quality assurance aspects of the development process are presented. Methods to identify opportunities for improvement are stressed. Dynamic input from consumers via sales and marketing is integrated in the process. The design and manufacturing of the product incorporates the quality parameters which will deliver the product that will meet the consumer's expectations.

BMM 495 - Supply Chain Management: Domestic & International

3 credit(s)

This course analyzes the dynamic nature of supply chain management of products and services in a domestic and global economy. This course will expose students to topics related to design and

management of supply chains, from incoming raw materials to final product delivery. While participants will be grounded in solid theory of supply chain design, they will also build a solid foundation of requisite knowledge, skills and strategies for all aspect of integrated supply chain management. This includes forecasting, postponement, globalization and sourcing, network design, and virtual integration (web-centric) through group work and case studies.

Mathematics

MATH 100 - Introduction to Mathematics for Health Sciences

3 credit(s)

MATH 100 is an optional co-requisite class offered alongside MATH 125 and is taken concurrently. Students meet with their MATH 125 instructor in small groups to reinforce foundational math skills, tackle challenging assignments, and develop critical thinking strategies. Emphasis is placed on improving confidence in applying mathematical operations to solve real-world problems. MATH 100 is not a standalone course and must be taken with MATH 125.

Corequisite(s): MATH 125 is required to be taken at the same time.

MATH 125 - Mathematical Applications for the Health Sciences

3 credit(s)

This course is designed for individuals who are pursuing careers in health-related professions. Emphasis is placed on becoming proficient at arithmetic, algebra, converting measurements, interpreting data, and applying mathematical concepts to address professional problems within context.

MATH 135 - Viewing Life Mathematically

3 credit(s)

This course provides students fundamental mathematical skills designed for practical application in everyday scenarios. Emphasizing real-world relevance, students will use percentages, decimals, and proportions to address authentic challenges. Additionally, the course delves into basic statistical computations like mean, median, and standard deviation, enabling students to gain insights from data sets. Students will also explore personal finance topics, including interest and investments, and perform calculations for making well-informed financial decisions. By the end of the course, the students will demonstrate the skills necessary to navigate various everyday mathematical situations confidently.

MATH 137 - Intermediate Algebra

3.0 credit(s)

This course is designed to strengthen students' algebraic skills and prepare them for advanced mathematics courses. Students will master solving linear and quadratic equations, working with polynomials and rational expressions, and graphing various types of functions. The course emphasizes both computational proficiency and problem-solving applications, enabling students to model and solve real-world situations using algebraic methods.

MATH 147 - College Algebra

3.0 credit(s)

This course builds a strong foundation in algebra and analytical mathematics. Students will solve equations and inequalities (linear, quadratic, polynomial, exponential, and logarithmic), analyze functions and their transformations, work with polynomial and rational functions, solve systems of equations, and explore conic sections. Emphasis is placed on problem-solving, computational skills, and mathematical modeling using graphing technology to address real-world applications across disciplines.

Prerequisite(s): MATH-137 or equivalent

MATH 254 - Introductory Calculus

4 credit(s)

This course is for students who are interested in continuing their study of advanced mathematics. It is especially appropriate for those interested in any of the math-related fields including any of the sciences, engineering, pharmacy, business, economics, or technologies. Topics included are limits, continuity, and the derivative and its applications including optimization. A graphing calculator is required for this course.

Medical Assisting

MED 115 - Introduction to Medical Insurance and Coding

3 credit(s)

This course introduces students to insurance terminology, types of insurance, and the eligibility and benefit structure of the insurance plan. Students will review and calculate patient medical insurance benefits for a variety of insurance types. Students will also explore the relationship between coding and financial reimbursement. Topics discussed include the International Classification of Disease, Clinical Modification (ICD-10-CM), Current Procedural Terminology (CPT(r)-4), the Health Insurance Portability and Accountability Act (HIPAA), Medicare compliance issues, and billing forms and applications.

MED 151 - Medical Assisting: The Medical Office and Patient Care

3 credit(s)

This course introduces students to the foundations for clinical practice, applied communications, medical business practices, medical law and ethics, and safety and emergency practices. The student will learn basic medical procedures, medical asepsis, creating and maintaining a medical record, vital signs, common mensurations, and the importance of Universal Precautions. Topics will address assisting the physician with patient history and physical exams, as well as establishing and maintaining the examination room.

MED 152 - Medical Assisting: Diagnostic Procedures

3 credit(s)

This 60-hour course is designed to teach the student about various medical specialties and procedures; including Obstetrics and Gynecology, Ophthalmology, and Otolaryngology. In addition, students will become familiar with electrocardiography, radiology, and introduced to various first aid procedures. Students also learn various minor office procedure techniques.

Prerequisite(s): MED 151

MED 153 - Medical Assisting: Laboratory Procedures

3 credit(s)

This course is designed to fully acquaint the student to the clinical laboratory. The curriculum will focus on laboratory safety and skills. Occupational Safety and Health Administration (OSHA) and Clinical Laboratory Improvement Amendments (CLIA) regulations will be introduced. Guidelines for handling, transporting, and recording of lab specimens will be reviewed. The analysis of urine and its significance in total patient care will be theorized and applied. The student will learn and apply the theory of venipuncture and the various methods of performance. An overview of Hematology, Chemistry, and Microbiology will complete the curriculum.

Prerequisite(s): MED 151

MED 212 - Pharmacology

3 credit(s)

From this 45-hour course, students will gain an understanding of drug sources, legislation relating to drugs, and drug references. Forms of drugs, drug classification and actions, and schedules of controlled drugs will also be covered. The medication order, identifying commonly prescribed

medications and basic principles for the administration of medications will be emphasized. The laboratory component of the course provides practical application of the student's knowledge. Basic mathematical skills necessary for the safe preparation and administration of medications to adult and pediatric patients will be reviewed.

MED 250 - Medical Office Management

3 credit(s)

This course gives students the opportunity to participate in a comprehensive medical office simulation that allows students to effectively manage a mock medical practice. Through hands-on experience, students will complete all aspects of the billing process, from patient registration to the submission of insurance claims. In addition, the course covers key administrative procedures such as appointment scheduling, accounting, mail processing, and compliance with confidentiality regulations.

MED 299 - Medical Assisting Internship

3 credit(s)

The Medical Assisting Internship course is the culminating course of the Medical Assisting program. During a 160-hour internship students are provided with hands-on training and career-related experience. This course provides an extensive on-site experience in a physician's office, clinic, or other appropriate healthcare setting that allows the medical assisting student to utilize previously studied subjects and related skills. It gives the student the opportunity to put his/her class knowledge to practical use and to practice and enhance acquired skills. It provides students with valuable online certification exam preparation and job placement assistance.

Prerequisite(s): HSC 111, MED 153, and MED 250

Medical Billing and Coding

MCD 213 - CPT®-4 Coding I

3 credit(s)

This course teaches the student to translate medical services, treatments, and procedures into a uniform numerical language to facilitate communication among healthcare providers and third-party payers. This course will concentrate on the 5-digit CPT® codes and descriptors nomenclature in the areas of Evaluation and Management, Anesthesia, and Surgical Procedures. Healthcare Common Procedural Coding (HCPCS) and modifiers will also be emphasized.

Prerequisite(s): BIO 101 and HSC 105
Corequisite(s): MED 115

MCD 214 - CPT®-4 Coding II - (CPC)

3 credit(s)

This course teaches the student Anesthesia, Radiology, Laboratory/ Pathology, and Medicine Coding. Emphasis will be on accuracy in coding diagnostic and therapeutic procedures.

Prerequisite(s): BIO 101 and HSC 105

MCD 216 - ICD-10-CM Coding

3 credit(s)

Healthcare in America has undergone tremendous change and a major change is progressing to ICD-10-CM. This course is designed to give the student the skills to be able to translate a medical diagnosis into alpha-numeric codes in the outpatient setting. Students will learn to read medical documents and convert the medical terms into a diagnostic ICD-10-CM code.

Prerequisite(s): MED 115, BIO 101, and HSC 105

MCD 220 - Medical Coding Capstone

3 credit(s)

This course is designed to prepare the student to sit for the Certified Processional Coding exam given by the American Academy of Professional Coders (AAPC). The course enables the student to conduct an in-depth study of diagnoses (ICD-10) and procedural (CPT®-4) coding. The emphasis will be on accurately coding medical and operative reports using ICD-10-CM and CPT®-4 coding guidelines and conventions.

Prerequisite(s): Departmental Permission

MCD 299 - Medical Billing and Coding Internship

3 credit(s)

Students may elect to enroll in this 3-credit internship with permission of the department chair. Students will gain hands-on training in a billing and coding environment. This course provides students with the opportunity to utilize previously studied subjects and related skills. This opportunity provides the student with valuable employment experience and increased marketability.

Prerequisite(s): Departmental Permission

Master of Public Health

MPH 501 - Introduction to Public Health

3 credit(s)

Introduction to Public Health is a graduate level course that provides graduate and professional students, with foundational knowledge of public health's historical contributions; the ethical bases; key terms and concepts; system organization; and the social, behavioral, environmental, and biological factors that contribute to specific individual and community health outcomes through interactive learning strategies and the application and integration of concepts to understand and prevent current public health problems and those facing public health in the 21st century.

MPH 502 - Principles of Epidemiology

3 credit(s)

In this introductory course, students will learn and apply basic concepts of epidemiology to multiple domains of public health. We will illustrate and practice using epidemiology to better understand, characterize, and promote health at a population level. The class will engage the students in active and collaborative learning through team activities, individual projects, case studies, group discussion, and individual projects.

MPH 503 - Biostatistics

3 credit(s)

This course is an introduction to statistical methods used in biological and medical research. Elementary probability theory, basic concepts of statistical inference, regression and correlation methods, analysis of variance, and study design are covered. Emphasis on applications to medical problems.

MPH 504 - Public Health Policy

3 credit(s)

This course presents an introduction to health policy, i.e., the various ways in which the government plays a role in health and in the provision of health care. Health policies can have a profound effect on quality of life. Accessibility, cost, quality of health care; safety of food, water, and environment; the right to make decisions about our health; these issues are vitally tied to health policies.

MPH 505 - Research Methods

3 credit(s)

This course will provide students an opportunity to establish an understanding of research through critical exploration of research language, ethics, and approaches. The course introduces the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches. Participants will use these theoretical underpinnings to begin to critically review literature relevant to their field or interests and determine how research findings are useful in forming their understanding of their work, social, local and global environment.

Prerequisite(s): MPH 503

MPH 506 - Social and Behavioral Aspects of Health

3 credit(s)

The course is designed to help students develop basic literacy regarding social concepts and processes that influence health status and public health interventions. The course also hopes to help students develop insight into populations with whom they have worked in the past or will work in the future, and to develop one kind of effective writing tool (the narrative) for communicating about psychosocial issues in public health. These overall aims are approached through lectures, discussion, readings, workshopping, individual compositions, and group discussion of student writings.

MPH 507 - Introduction to Environmental Health

3 credit(s)

Examines health issues, scientific understanding of causes, and possible future approaches to control of the major environmental health problems in industrialized and developing countries. Topics include how the body reacts to environmental pollutants; physical, chemical, and biological agents of environmental contamination; vectors for dissemination (air, water, soil); solid and hazardous waste; susceptible populations; biomarkers and risk analysis; the scientific basis for policy decisions; and emerging global environmental health problems.

MPH 508-PAN - Global Public Health (Study Abroad in Panama)

3 credit(s)

This course examines major global health challenges, programs and policies with a portion of the course in Panama City, Panama. You will be introduced to the world's vast diversity of determinants of health and disease. You will analyze current and emerging global health priorities, including emerging infectious diseases, poverty, conflicts and emergencies, health

inequity, health systems reforms, and major global initiatives for disease prevention and health promotion.

MPH 510 - Emergency Management Health Issues

3 credit(s)

This course is a study of the concepts of medical and healthcare issues in emergency management in mass-casualty and high-impact incidents. The student will learn about the planning and coordination-- from the national to the local levels--necessary to respond to disasters that are natural (such as earthquakes, floods, tornadoes and heat waves); industrial, technological and transportation (such as hazardous materials, air crashes and mass gatherings); conflict-related (such as terrorist attacks and mass shootings); as well as the education, training and research done before, during and after these events.

MPH 512 - Infectious Disease Epidemiology

3 credit(s)

Infectious Disease Epidemiology is a part of the interdisciplinary Public Health Leadership Program, which prepares public health professionals for leadership positions. This course emphasizes epidemiological methods, emergence factors, and transmission pathways, integrating them with the societal, behavioral, cultural, and environmental factors that influence disease spread. It equips students with essential skills in disease detection, surveillance, control, and elimination, to develop a comprehensive understanding of disease dynamics essential for effective leadership in public health.

Prerequisite(s): MPH 502

MPH 520 - Global Health Issues

3 credit(s)

This course explores contemporary issues, problems, and controversies in global health through an interdisciplinary perspective; examines the complex tapestry of social, economic, political, and environmental factors that affect global health; analyzes global health disparities through a social justice and human rights lens; and exposes students to opportunities in global health program and research.

MPH 521 - Program Planning for Global Health

3 credit(s)

This course will familiarize students with concepts and methodologies required for effective

public health program planning and evaluation in a variety of settings, domestic and global. Students in this course will develop a program plan while learning the essential competencies for planning, implementing and evaluating sustainable programs for the maternal and child health population. Given the importance of public health planning and evaluation occurring within the context of interdisciplinary teams, students will also discuss and practice skills for building highly functional teams and accomplishing individual and group objectives through team work.

MPH 522 - Essentials of Economics and Finance for Global Health

3 credit(s)

This course examines economics and finance principles as they apply to global health. Students will study issues in the organization, delivery and financing of health care in developing countries. The course first provides students with a "toolkit" for analyzing issues related to global health economics and finance and then asks the students to apply this "toolkit" to a variety of a global health issues including demand for health, policy tools to increase demand for health, healthcare financing, social insurance, pharmaceuticals and HIV/AIDS.

MPH 530 - Community Health Sciences

3 credit(s)

Community-based health interventions are a major public health strategy for promoting population health. This course provides an introduction to the foundations of community-based health interventions and the factors influencing their design, implementation, evaluation, and outcomes. Using social ecological and community-based participatory frameworks, key principles and strategies underlying community-based health interventions are examined. Successful community-based strategies for addressing various public health issues are assessed. Challenges to implementing, evaluating and sustaining successful community-based health interventions, and implications for promoting health equity are discussed.

MPH 531 - Program Planning, Research, and Evaluation for Community Health

3 credit(s)

Careful planning and evaluation of public health programs are essential competencies for public health professionals. Through this course students will gain a basic understanding of how to implement public health programs and evaluate their effectiveness. As this course is designed to be grounded in public health practice, you will complete the course with the skills necessary to develop both a program and evaluation plan. Given the importance of public health planning and evaluation occurring within the context of interdisciplinary teams, students in this course will also discuss and practice skills for building effective teams and accomplishing individual and group objectives through team work.

MPH 532 - Urban Health and Social Policy

3 credit(s)

This course will provide students with a foundation for understanding how history, power, privilege and structural inequality interact to produce urban health disparities. An advanced sociology course, Disparities in Urban Health will introduce students to the impact of city life on health and health care in the U.S. and internationally. We will look at the advantages and disadvantages of urbanization on both physical and mental health and the root causes of racial and ethnic disparities in health. We will trace the interaction between specific aspects (e.g., housing, transportation, food outlets, crime) of the urban environment and their impact on health, discuss quality measurement, evaluate strategies for designing healthy communities, and develop recommendations for systems and policy change.

MPH 540 - Health Economics and U.S. Policy

3 credit(s)

This course provides an overview of the United States healthcare system using a microeconomics lens. You will be introduced to microeconomic theory and empirical studies that will deepen your understanding of how consumers, firms, and the government influence healthcare expenditures (including its quantity and prices), healthcare quality, and patient health outcomes. These economic models will enable you to predict how changes in consumer behavior, the industrial organization of firms, and government policies affect healthcare and health outcomes.

MPH 541 - Public Health Law

3 credit(s)

This course is about the legal and social justice framework for urgent public health issues, such as regulation of vaccinations, tobacco control and infectious diseases such as Ebola. The course focuses on the U.S. Constitution and the way in which it defines government powers, duties, and restraints to assure the health of all populations. The course also examines the theories and concepts behind public health law, the constitutional tensions between public health efforts and the counterbalancing rights to liberty, freedom of speech, of association, and others. Students also will learn how to spot the policymaking issues involved with implementation of laws in a community, including public health community organizing and advocacy efforts.

MPH 542 - Public Health Policy as a Prevention Strategy

3 credit(s)

This course provides an overview of a policy adoption and implementation model, including a discussion of factors to consider when developing policies and key components of policy

implementation. This course will introduce students to a prevention policy framework; will present the philosophical, ethical, economic, political and efficacy rationale for this approach to prevention; will contrast policy approaches to prevention with individual-based approaches; and will present examples of different policy mechanisms.

MPH 560 - Global Public Health

3 credit(s)

This course examines major global health challenges, programs and policies. You will be introduced to the world's vast diversity of determinants of health and disease. You will analyze current and emerging global health priorities, including emerging infectious diseases, poverty, conflicts and emergencies, health inequity, health systems reforms, and major global initiatives for disease prevention and health promotion.

MPH 561 - Applied Practical Experience

1 credit(s)

In this fifteen-week course, students will demonstrate five public health competencies by integrating core MPH coursework and concentration course knowledge into a fieldwork experience. The Applied Practical Experience (APE) can be fulfilled through internships, field experience in workplace settings, or project creation under faculty supervision in conjunction with a community partner. The execution of an internship portfolio is developed throughout the internship course. The APE requires formal agreements before placement.

Prerequisite(s): 30 Credits of MPH Core Curriculum and MPH 505 Research Methods

MPH 562 - Integrative Learning Experience

2 credit(s)

In this fifteen-week course, students will demonstrate at least five public health competencies by integrating knowledge from core MPH coursework and concentration courses to develop a final capstone project. The capstone project is a scholarly paper written with supportive research where students can select either a program evaluation, research proposal, policy analysis, or community needs assessment.

Prerequisite(s): 30 Credits of MPH Core Curriculum and MPH 505 Research Methods

MPH 667 - Continuing Matriculation

0 credit(s)

This course provides students with additional time granted with approval from the professors and the MPH program director, to complete the following courses:
MPH 561 - Applied Practical Experience
MPH 562 - Integrative Learning Experience

Nursing

CLNF 103 - Clinical Nursing III

5 credit(s)

Clinical rotations will allow students to work on practical nursing skills in various healthcare settings under the direction of a Registered Nurse (RN) clinical instructor. Clinicals create a learning cycle for the student to apply theory from the classroom and skills practiced in the lab, to a hands-on experience with a diverse patient population with various illnesses and disease processes. Clinical experiences allow the nursing student to think critically and make appropriate decisions for the patient's care.

Prerequisite(s): LPN 100 , LPN 101 , LPN 102 , LPN 103, and LPN 104
Corequisite(s): LPN 105, LPN 106, and LPN 107

CLNF 104 - Clinical Nursing IV

3 credit(s)

Clinical rotations will allow students to work on practical nursing skills in various healthcare settings under the direction of a Registered Nurse (RN) clinical instructor. Clinicals create a learning cycle for the student to apply theory from the classroom and skills practiced in the lab to a hands-on experience with a diverse patient population with various illnesses and disease processes. Clinical experiences allow the nursing student to think critically and make appropriate decisions for the patient's care.

Prerequisite(s): LPN 100 , LPN 101 , LPN 102 , LPN 103, LPN 104 , LPN 105, LPN 106, and LPN 107
Corequisite(s): LPN 108, LPN 109, and LPN 110

CLNP 103 - Clinical Nursing III

3 credit(s)

Clinical rotations will allow students to work on practical nursing skills in various health care settings under the direction of a Registered Nurse (RN) clinical instructor. Clinicals create a learning cycle for the student to apply theory from the classroom and skills practiced in the lab to a hands-on experience with a diverse patient population with various illnesses and disease

processes. Clinical experiences allow the nursing student to think critically and make appropriate decisions for the patient's care.

Prerequisite(s): LPN 100 , LPN 101 , LPN 102 , and LPN 104
Corequisite(s): LPN 103 and LPN 105

CLNP 104 - Clinical Nursing IV

3 credit(s)

Clinical rotations will allow students to work on practical nursing skills in various health care settings under the direction of a Registered Nurse (RN) clinical instructor. Clinicals create a learning cycle for the student to apply theory from the classroom and skills practiced in the lab to a hands-on experience with a diverse patient population with various illnesses and disease processes. Clinical experiences allow the nursing student to think critically and make appropriate decisions for the patient's care.

Prerequisite(s): LPN 100 , LPN 101 , LPN 102 , LPN 103, LPN 104 and LPN 105
Corequisite(s): LPN 106

CLNP 105 - Clinical Nursing V

2 credit(s)

Clinical rotations will allow students to work on practical nursing skills in various health care settings under the direction of a Registered Nurse (RN) clinical instructor. Clinicals create a learning cycle for the student to apply theory from the classroom and skills practiced in the lab to a hands-on experience with a diverse patient population with various illnesses and disease processes. Clinical experiences allow the nursing student to think critically and make appropriate decisions for the patient's care.

Prerequisite(s): LPN 100 , LPN 101 , LPN 102 , LPN 103, LPN 104 , LPN 105 and LPN 106
Corequisite(s): LPN 108

CLNP 106 - Clinical Nursing VI

2 credit(s)

Clinical rotations will allow students to work on practical nursing skills in various health care settings under the direction of a Registered Nurse (RN) clinical instructor. Clinicals create a learning cycle for the student to apply theory from the classroom and skills practiced in the lab to a hands-on experience with a diverse patient population with various illnesses and disease processes. Clinical experiences allow the nursing student to think critically and make appropriate decisions for the patient's care.

Prerequisite(s): LPN 100 , LPN 101 , LPN 102 , LPN 103, LPN 104 , LPN 105, LPN 106, and LPN 108
Corequisite(s): LPN 107 and LPN 109

CLNP 107 - Clinical Nursing VII

2 credit(s)

Clinical rotations will allow students to work on practical nursing skills in various health care settings under the direction of a Registered Nurse (RN) clinical instructor. Clinicals create a learning cycle for the student to apply theory from the classroom and skills practiced in the lab to a hands-on experience with a diverse patient population with various illnesses and disease processes. Clinical experiences allow the nursing student to think critically and make appropriate decisions for the patient's care.

Prerequisite(s): LPN 100 , LPN 101 , LPN 102 , LPN 103, LPN 104 , LPN 105, LPN 106, LPN 107, LPN 108, and LPN 109
Corequisite(s): LPN 110

CPNF 101 - Clinical Nursing I

4 credit(s)

This course introduces students to a clinical environment to recognize theory from the classroom and skills practiced in the lab to a hands-on experience with a diverse patient population. PN program clinical outcomes aim to develop students for entry-level nursing practice by teaching clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

CPNF 102 - Clinical Nursing II

5 credit(s)

This course continues to develop students' abilities in a clinical environment. Students will incorporate theory from the classroom and skills practiced in the lab into a hands-on experience with a diverse patient population. PN program clinical outcomes prepare students for entry-level nursing practice by developing their clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

Prerequisite(s): CPNF 101

CPNF 103 - Clinical Nursing III

5 credit(s)

This course continues to develop students' abilities in a clinical environment. Students will demonstrate theoretical content from the classroom and skills practiced in the lab into a hands-on experience with a diverse patient population. PN program clinical outcomes expand students' knowledge of entry-level nursing practice by advancing their clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

Prerequisite(s): CPNF 102

CPNF 104 - Clinical Nursing IV

3 credit(s)

This course is the final clinical in the PN program and solidifies students' abilities in a clinical environment. Students will apply theoretical content from the classroom and skills practiced in the lab into a hands-on experience with a diverse patient population. PN program clinical outcomes solidify students' knowledge of entry-level nursing practice by advancing their clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

Prerequisite(s): CPNF 103

CPNP 101 - Clinical Nursing I

2 credit(s)

This course introduces students to a clinical environment to recognize theory from the classroom and skills practiced in the lab to a hands-on experience with a diverse patient population. PN program clinical outcomes aim to develop students for entry-level nursing practice by teaching clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

CPNP 102 - Clinical Nursing II

3 credit(s)

This course continues to introduce students to a clinical environment to recognize theory from the classroom and skills practiced in the lab to a hands-on experience with a diverse patient population. PN program clinical outcomes aim to develop students for entry-level nursing practice by teaching clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

Prerequisite(s): CPNP 101

CPNP 103 - Clinical Nursing III

3 credit(s)

This course builds upon the content taught in previous clinical courses to further develop students' abilities in a clinical environment. Students will incorporate theory from the classroom and skills practiced in the lab into a hands-on experience with a diverse patient population. PN program clinical outcomes prepare students for entry-level nursing practice by developing their clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

Prerequisite(s): CPNP 102

CPNP 104 - Clinical Nursing IV

3 credit(s)

This course continues to build upon the content taught in previous clinical courses to further develop students' skills in a clinical environment. Students will incorporate theory from the classroom and skills practiced in the lab into a hands-on experience with a diverse patient population. PN program clinical outcomes prepare students for entry-level nursing practice by developing their clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

Prerequisite(s): CPNP 103

CPNP 105 - Clinical Nursing V

2 credit(s)

This course further enhances students' abilities in a clinical environment. Students will demonstrate theoretical content from the classroom and skills practiced in the lab into a hands-on experience with a diverse patient population. PN program clinical outcomes expand students' knowledge of entry-level nursing practice by advancing their clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

Prerequisite(s): CPNP 104

CPNP 106 - Clinical Nursing VI

2 credit(s)

This course continues to enhance students' abilities in a clinical environment. Students will demonstrate theoretical content from the classroom and skills practiced in the lab into a hands-on experience with a diverse patient population. PN program clinical outcomes expand students' knowledge of entry-level nursing practice by advancing their clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

Prerequisite(s): CPNP 105

CPNP 107 - Clinical Nursing VII

2 credit(s)

This course is the final clinical in the PN program and solidifies students' abilities in a clinical environment. Students will apply theoretical content from the classroom and skills practiced in the lab into a hands-on experience with a diverse patient population. PN program clinical outcomes solidify students' knowledge of entry-level nursing practice by advancing their clinical judgment, critical thinking, communication, professionalism, and patient-centered care skills. Students will be assigned to a clinical education setting under the direct supervision of Registered Nurse (RN) clinical instructor.

Prerequisite(s): CPNP 106

LPN 103 - Medical Surgical I

5 credit(s)

This course introduces the student to diseases and illnesses that affect individuals across the lifespan on the health-illness continuum. Emphasis will be on pathophysiology, signs, symptoms, incidence, and treatment of disease/illness. The Nursing Process will be utilized to meet the needs of the patient, family, or support individuals during illness to return the individual to optimal health. ***This course includes a didactic and a clinical component***

LPN 105 - Pharmacology

3 credit(s)

This Pharmacology course will introduce the student to the basic classifications of medications, their general action, use, and side effects. Students will learn and practice adult and pediatric dosage calculations and safe medication administration principles. Medication administration will be practiced in a laboratory under an instructor's direction before administering medication in the clinical setting. Legal implications of safe medication administration will be emphasized.

LPN 106 - Medical Surgical II

6 credit(s)

This course is a continuation of LPN 103- Med-Surg I, and the student will continue to learn about diseases and illnesses that affect individuals across the lifespan on the health-illness continuum. Emphasis will be on pathophysiology, signs, symptoms, incidence, and treatment of disease/illness. The Nursing Process will be utilized to meet the needs of the patient, family or support individuals during illness to return the individual to optimal health. ***This course includes a didactic and a clinical component***

LPN 107 - Mental Health Nursing

3 credit(s)

This course will provide students with the essential tools and knowledge to provide compassionate and effective mental health care, contributing to the overall well-being of their patients and enhancing the quality of healthcare delivery. In addition, the course will provide an overview of various mental health conditions and their management. Students will focus on therapeutic communication techniques, critical thinking skills and the Nursing Process while caring for clients and families from culturally diverse backgrounds.

LPN 108 - Medical Surgical III

7 credit(s)

This course is a continuation of LPN 103 Med-Surg I and LPN 106 Med-Surg II, and the student will continue to learn about diseases and illnesses that affect individuals across the lifespan on the health-illness continuum. Emphasis will be on pathophysiology, signs, symptoms, incidence, and treatment of disease/illness. The Nursing Process will be utilized to meet the needs of the patient, family or support individuals during illness to return the individual to optimal health. ***This course includes a didactic and a clinical component***

LPN 109 - Maternal and Pediatric Nursing

6 credit(s)

This course provides students with the concept of family-centered care in maternal-child nursing. It provides the foundation for caring for childbearing women and their families, including the children from birth to adolescence. Cultural diversity in the childbearing family is explored, along with the physical, social, emotional, and spiritual needs. Emphasis is placed on the nurse's role as a teacher in health promotion and maintenance. ***This course includes a didactic component and 18 hours of Clinical Observation Experience***

LPN 110 - Professional Development

5 credit(s)

This course will place emphasis on preparing the student for the transition to the Licensed Practical Nurse role. Aspects of professionalism, legal responsibilities of licensure, ethics, and continuing education will be discussed. Previous course content will be reviewed to prepare the student for the NCLEX-PN. Test-taking skills will be refined through practice tests that will be utilized to determine areas of strength and areas in which students should focus to pass the NCLEX-PN successfully.

MSN 500 - Theoretical Basis for Advanced Nursing Practice and Leadership

3 credit(s)

This course provides the student with knowledge of theoretical foundations and frameworks for advanced professional nursing practice. Emphasis is placed on analyzing the theoretical basis for decision-making in evidence-based practice, leadership, and advanced practice nursing roles. Concepts will include ethics, morality, social justice, self-awareness, creativity, vision, critical decision-making, consensus-building, and collaboration. Students will learn the role of the advanced professional practice nurse within health care systems and in leadership. Ethical strategies to employ in advanced nursing practice and ways to advance the practice of nursing through evidence-based practice are examined.

Prerequisite(s): Acceptance into MSN Program or Departmental Permission

MSN 505 - Pathophysiology for Advanced Nursing Practice

3 credit(s)

Advanced pathophysiology builds on undergraduate pathophysiology to expand knowledge of normal, abnormal physiology, and selected diseases of the human body. Cellular biology and genetics are examined, along with various disease states associated with abnormal pathophysiology. Emphasis is placed on the management of various acute and chronic diseases across the lifespan integrated with cultural and environmental influences. An in-depth understanding of both normal and abnormal pathophysiology informs the advanced practice and other graduate nursing students with the knowledge and skills needed to understand complex medical disorders and develop individualized, safe, quality plans of care.

Prerequisite(s): MSN 500 and MSN 605
Corequisite(s): MSN 510

MSN 510 - Pharmacology for Advanced Nursing Practice

3 credit(s)

Students will learn and apply advanced principles of pharmacodynamics, pharmacokinetics, pharmacogenomics and pharmacoeconomics. Information and healthcare technologies relevant to pharmacotherapeutic prescribing are explored and practiced through virtual clinical software and discussion boards. Quality and safety measures in prescribing are specifically emphasized. Students will explore the importance of interprofessional partnerships with physicians, preceptors, pharmacists, and pharmaceutical staff, when prescribing and communicating within systems. Best practice in pharmacotherapeutics prepares MSN students to consider cultural and socioeconomic factors for diverse populations across the lifespan.

Prerequisite(s): MSN 500 and MSN 605
Corequisite(s): MSN 505

MSN 520 - Neuropsychopharmacology

3 credit(s)

Neuropsychopharmacology is a critical course for the Psychiatric Mental Health Nurse Practitioner (PMHNP) student. Principles of neuropsychopharmacology including neurobiology, pharmacokinetics, pharmacodynamics, indications for use, mechanisms of action, common side effects, adverse reactions, and safety issues of psychiatric drugs are examined. Antidepressants, antipsychotics, anxiolytics, cholinesterase inhibitors, hypnotics, mood stabilizers, and stimulants are discussed. Algorithms are presented in understanding best evidence-based pharmacological interventions. Regulatory legalities of the prescriptive role are explored. Students will demonstrate advanced practice levels of clinical judgment, critical thinking, and accountability in

evaluating evidence-based neuropsychopharmacology interventions to improve patient outcomes across the life span. Students will analyze ethical and legal ramifications around prescribing psychiatric medications across the life span with special populations and high-risk patients.

Prerequisite(s): MSN 505 and MSN 510
Corequisite(s): MSN 610

MSN 540 - Physical Assessment for Advanced Nursing Practice

3 credit(s)

This course builds upon undergraduate health assessment knowledge and skills to develop higher proficiency physical assessments across the lifespan. MSN and APRN students will achieve competence in performing complete and focused physical examinations and complete and focused patient histories using virtual clients through computerized software. A holistic approach including psychosocial, spiritual, cultural and environmental assessments is emphasized. Students will learn skills in appropriate documentation, begin to formulate diagnoses and develop plans of care. All students will provide video demonstrations of their assessments of specific body systems. FNP students will also use synthetic models during the on-campus immersion experience.

Prerequisite(s): MSN 610 and MSN 620

MSN 605 - Current Concepts and Professional Roles in Advanced Practice Nursing

3 credit(s)

This course explores concepts integral to the role of the advanced practice nurse. Emphasis is placed on evidence-based practice, population health, quality, safety, informatics, and the role of the advanced practice nurse as a leader. Aspects of licensure and future role(s) of the professional advanced practice nurse at the local and national levels are analyzed. Informatics, electronic health records, billing & coding, interprofessional collaboration, independent practice, and business ownership are explored. Culture, bias, and ethical considerations of care within systems are analyzed. Students will apply legal and business principles and regulatory guidelines for the advanced practice nurse.

Prerequisite(s): Departmental Approval
Pre/Corequisite(s): MSN 500

MSN 610 - Seminar in Nursing Research

3 credit(s)

In this course, the graduate student develops proficiency in utilization of research-based evidence for professional advanced nursing practice. Students will apply the legal and ethical principles related to research with human subjects and participants. Quantitative and qualitative research studies are reviewed and critiqued with an additional focus on methods of dissemination. An integrative review of the literature is accomplished to inform and affect change, improve outcomes, and ultimately contribute to the advancement of nursing knowledge and evidence-based practice. Students will integrate and advocate for evidence-based nursing practice to improve care decisions and healthcare environments.

Prerequisite(s): MSN 505 and MSN 510
Corequisite(s): MSN 620

MSN 620 - Policy, Politics, and Organization of Healthcare

3 credit(s)

This course provides opportunities to expand the student's knowledge and understanding of the political and policy making process. Students will learn to serve as change agents in the healthcare system through their work in an advanced nursing role. Emphasis will be on the application of the principles of social justice, equity, and ethics in the context of policy development, political engagement, and advocacy within the healthcare system. Students will develop their role as nurse advocates committed to improving health outcomes

Prerequisite(s): MSN 505 and MSN 510

MSN 650 - Advanced Reasoning and Differential Diagnosis for Advanced Nursing Practice

3 credit(s)

This course focuses on preparing the family nurse practitioner student to critically analyze complex patient health assessment data, in order to develop appropriate differential diagnosis skills. This pre-clinical course enables students to identify differential diagnoses for common health disorders, and non-specific problems across the lifespan. Diagnostic reasoning skills are advanced through physical assessment findings, subjective health histories, diagnostic imaging, laboratory studies, and basic electrocardiogram interpretation in addition to assessing virtual clients. FNP students will consider the psychological, cultural, and socioeconomic aspects of person-centered care across the lifespan. Differential diagnoses demonstrate evidence-based foundations grounded in scholarship, genomics, and pathophysiologic concepts. The students will utilize evolving multi-disciplinary knowledge to inform care of gender-diverse populations, disabled populations, pregnant women, older adults, and pediatric populations.

Prerequisite(s): MSN 610 and MSN 620
Corequisite(s): MSN 540

MSN 655 - Assessment, Diagnosis and Treatment of Mental Health

3 credit(s)

This didactic course for the psychiatric mental health nurse practitioner student has an emphasis on the analysis of psychiatric assessments, diagnoses, optimal treatment plans, and evaluation across the life span. Students will develop a broad theoretical understanding of psychopathology from an individual descriptive symptom perspective as presented in the DSM-5. This includes a systematic approach related to developmental milestones, familial patterns, and socio-cultural factors.

Prerequisite(s): MSN 520 and MSN 610
Corequisite(s): MSN 540

MSN 660 - FNP I Advanced Practice Through the Lifespan-Primary Care of The Adult Client

7 credit(s)

This course begins the sequence of three primary care courses for family nurse practitioner (FNP) students, emphasizing care of the adolescent through adult across the lifespan. A clinical precepted practicum of 180 hours working with adult clients in approved primary care settings is included. Integrating and applying new and established, evidence-based nursing and other disciplinary knowledge, the FNP students will focus on acute common and chronic primary care of adult clients. There is an emphasis on wellness, disease prevention, health promotion and compassionate, person-centered, holistic care. Building upon NUR 650 differential diagnosis course, FNP students will learn principles of assessment, diagnosis, treatment, and evaluation of patient healthcare needs. Family theory, care of populations, and quality and safety are emphasized. Nursing scholarship is integrated, and leadership skills are honed as FNP students learn and utilize informatics. . Interprofessional skills are enhanced to support patient care and learn the process of referrals.

Prerequisite(s): MSN 540 and MSN 650

MSN 665 - PMHNP I: Advance Practice Psychiatric Mental Health Care for the Adult

7 credit(s)

This course is the first in a sequence of three mental health clinical courses through the lifespan for the psychiatric mental health nurse practitioner student. The student will employ evidence-based individual, family, and group therapy modalities to promote wellness and disease prevention for the adult psychiatric client. Students will integrate principles of assessment, diagnosis, and treatment including pharmacological and nonpharmacological recommendations,

and evaluation of common and chronic mental health disorders. Students will apply nursing and other sciences into advanced nursing practice, person-centered care, quality, and safety. Building on core professional values, nursing knowledge and expertise, students will work within teams to further their interprofessional partnerships. Emphasis will be placed on effective communication and healthcare technology, and informatics in the direct and indirect roles to work toward best patient outcomes. This course includes 180 hours of a precepted clinical component in approved mental healthcare settings.

Prerequisite(s): MSN 540 and MSN 655

MSN 670 - FNP II Advanced Practice Through the Lifespan-Primary Care of The Complex Client

7 credit(s)

This course is the second didactic and clinical course in a series of three primary care courses for the Family Nurse Practitioner (FNP) student. Students complete 240 hours of a precepted clinical practicum in one or two approved settings, focusing on complex medical care for adults of all ages. Students will provide advanced person-centered care for specific populations including adolescents, gender diverse and mental health clients. Building upon NUR 660, the FNP II Primary Care course expands the FNP student's opportunities to apply evidenced-based knowledge and skills to manage more complex patients with multiple comorbidities. FNP students advance their clinical, diagnostic, and healthcare management skills working intensively with mentors in interdisciplinary settings within systems-based healthcare. An on campus clinical immersion provides opportunity for students to demonstrate advanced assessment skills, engage in complex case studies, and additional collaborative learning.

Prerequisite(s): MSN 660

MSN 675 - PMHNP II: Advanced Practice Psychiatric Mental Health Care for Children and Older Adults

7 credit(s)

This course is the second in a sequence of three mental health clinical courses through the lifespan for the psychiatric mental health nurse practitioner student. This course provides opportunities for students to promote wellness and disease prevention for pediatric and older adult psychiatric clients. Students will integrate advanced assessment, diagnosis, and treatment incorporating pharmacological and non-pharmacological recommendations, and evaluation of common and chronic mental health disorders. Students will apply knowledge from nursing and other sciences into a safe, quality, person and family-centered advanced nursing practice. Students will work within teams to further their interprofessional partnerships and leadership capabilities. Emphasis will be placed on advanced communication, healthcare technology and informatics in direct and indirect roles to work toward optimal client outcomes This course

includes 180 hours of a precepted clinical component in approved mental healthcare settings.

Prerequisite(s): MSN 665
Corequisite(s): MSN 620

MSN 680 - FNP III Advanced Practice Through the Lifespan-Primary Care of The Pediatric and Women's Health Client

7 credit(s)

This course is the final didactic and clinical course in a series of three primary care courses for the Family Nurse Practitioner student. This course builds upon knowledge and skills learned in NUR 660 and NUR 670.as students care for patients from preconception to postnatal periods and provide routine gynecologic care. FNP students will assess, diagnose, treat, evaluate and make appropriate client referrals. Emphasis will be placed on evidence-based practice, health promotion and wellness care, disease prevention and treatment for the neonate to adolescent and women's populations especially. Students will complete of precepted clinical practicum working in approved settings with a focus on compassionate, family centered and holistic care. Students will demonstrate integration of nursing scholarship, leadership and readiness for advanced clinical practice.

Prerequisite(s): MSN 670
Corequisite(s): MSN 698

MSN 685 - PMHNP III: Advanced Practice Psychiatric Mental Health Care of the Complex Patient

7 credit(s)

This course is the final course in a sequence of three mental health clinical courses through the lifespan for the psychiatric mental health nurse practitioner student. The emphasis is on health promotion, disease prevention and wellness for the complex psychiatric client. Care will include a focus on specific populations such as persons with diverse sexual, gender and other self-identities, intellectual disabilities, and chemical dependence. Students will provide assessment, diagnosis, treatment, and evaluation of complex disorders including pharmacological and nonpharmacological recommendations. Students will promote a safe environment to enhance quality and minimize risk of harm. Students will work within teams to further their interprofessional partnerships and leadership capabilities. Emphasis will be placed on advanced communication, healthcare technology and informatics while in direct and indirect roles to work toward optimal client outcomes. This course includes 240 hours of a precepted clinical component in approved mental healthcare settings

Prerequisite(s): MSN 675
Corequisite(s): MSN 698

MSN 696 - Advanced Practice Capstone: Clinical Applications in Family Population Health

2 credit(s)

This end of program course is a culmination of the entire program in which FNP students demonstrate advanced practice competencies. The focus is on the achievement of nursing knowledge and skills within the ten domains for nursing (AACN 2021) including knowledge for nursing practice, person-centered care, population health, scholarship for nursing practice, quality and safety, interprofessional partnerships, systems-based practice, information and healthcare technologies, professionalism, personal, professional and leadership development. Students will initiate preparation for board certification exams through diagnostic and comprehensive practice exams followed by remediation of identified content areas based on needs assessment. Students will participate in immersion experiences that emphasize opportunities to explore complex case studies and preparation for practice.

Prerequisite(s): MSN 670
Corequisite(s): MSN 680

MSN 697 - Advanced Practice Capstone: Clinical Applications in Psychiatric Population Health

2 credit(s)

This end of program course is a culmination of the entire program in which Psychiatric Mental Health Nursing Practice students demonstrate advanced practice competencies. The focus is on the achievement of nursing knowledge and skills within the ten domains for nursing (AACN 2021) including knowledge for nursing practice, person-centered care, population health, scholarship for nursing practice, quality and safety, interprofessional partnerships, systems-based practice, information and healthcare technologies, professionalism, personal, professional and leadership development. Students will initiate preparation for board certification exams through diagnostic and comprehensive practice exams followed by remediation of identified content areas based on needs assessment. Students will participate in immersion experiences that emphasize opportunities to explore complex case studies and preparation for practice.

Prerequisite(s): MSN 675
Corequisite(s): MSN 685

MSN 698 - Advanced Practice Capstone-Clinical Application on Population Health

3 credit(s)

This end of program course is a culmination of the entire program in which FNP and PMHNP students demonstrate advanced practice competencies. The focus is on the achievement of

nursing knowledge and skills within the ten domains for nursing (AACN 2021) including knowledge for nursing practice, person-centered care, population health, scholarship for nursing practice, quality and safety, interprofessional partnerships, systems-based practice, information and healthcare technologies, professionalism, personal, professional and leadership development. Students will initiate preparation for board certification exams through diagnostic and comprehensive practice exams followed by remediation of identified content areas based on needs assessment. Students will participate in Immersion Weekends that emphasize opportunities to explore complex case studies and preparation for practice.

Prerequisite(s): MSN 670 or MSN 675
Corequisite(s): MSN 680 or MSN 685

NUR 100 - Nursing Skill Development

6 credit(s)

This initial course provides the student with the fundamental skills for nursing practice. Concepts focus on human beings and their responses to the environment. The continuum of wellness is introduced in NUR 100. Foundational concepts related to the nursing process are identified and defined. Special emphasis is placed on the development of basic communication skills, client physical and psychosocial assessment and specific nursing skills related to nursing interventions. Clinical experiences are provided in the nursing skills laboratory and in non-acute client care settings. Fee required.

Prerequisite(s): BIO 212

NUR 110 - Adults and the Wellness Continuum I

6 credit(s)

This course provides the student with experiences in the care of adults with alterations in health status related to basic physical and psychological function. Emphasis is on care of adults with health problems related to nutrition, fluid and electrolyte balance, oxygenation, elimination, cardiac function and surgical procedures. Nutrition, pharmacotherapy, client teaching and ethico-legal issues are integrated throughout the course. Clinical experiences are provided in the nursing skills laboratory and in acute care settings.

Prerequisite(s): NUR 100 and BIO 235

NUR 195 - LPN Bridge Course

1 credit(s)

This course is taken by Licensed Practical Nurses (LPN) who have been accepted into the

Associate Degree Nursing program and have completed the 3-credit NUR 190 course through Charter Oak College. This one credit course covers the key concepts of NUR 100 and NUR 110 and validates nursing skills. Taking this course is part of the state's articulation process and enables the student to advance place to NUR 200.

Prerequisite(s): NUR 190 at Charter Oak State College

NUR 200 - Adults and the Wellness Continuum II

7 credit(s)

This course provides students with experiences in the care of adults with alterations in health status related to sensorimotor, musculo-skeletal, protective, endocrine, renal and reproductive function. Blood disorders, including human immunodeficiency disease will also be covered. The focus is on care of adults experiencing disruptions in health status associated with both acute and chronic health conditions. Students learn to apply the nursing process to maintain wellness levels, restore clients to previous levels of wellness and prevent further alterations in health status. Nutrition, pharmacotherapy, client teaching and ethico-legal issues are integrated throughout the course. Clinical experiences are provided in the nursing skills laboratory and in acute care settings.

Prerequisite(s): NUR 110

NUR 208 - Health Assessment and Skills Development

6 credit(s)

This course provides students with the opportunity to develop the knowledge and skills necessary to perform person-centered holistic, comprehensive health assessments on diverse adult clients across the lifespan. The focus is on assessing findings, identifying problems, developing care plans, demonstrating accountability, and evaluating outcomes. Students will develop communication skills that facilitate a partnership approach to quality care. Emphasis is placed on creating a culture of patient safety. Students will also apply knowledge of systems, information, and communication technology to gather information, enter data, and generate knowledge.

NUR 210 - Families and the Wellness Continuum

7 credit(s)

This course introduces the student to the concept of family-centered care. It focuses on the care of childbearing families. Physiological, psychosocial and spiritual dimensions of developmental stages of patients and families are explored, and community-based resources are emphasized. Students learn to use the nursing process to promote and maintain health, prevent alterations in healthcare status, and restore patients to previous levels of wellness. Nutrition, pharmacotherapy,

patient teaching and ethico-legal issues are integrated throughout the course. Clinical experiences are provided in acute care settings, in the simulation lab, v-clinicals, and alternative clinical assignments.

Prerequisite(s): NUR 200

NUR 217 - The Wellness Continuum for Adults I

6 credit(s)

This course provides the student with the opportunity to care for adults experiencing disruptions in health status associated with acute and chronic health conditions. The student will apply evidence-based knowledge and skills to the care of adults with alterations to nutrition, fluid and electrolyte balance, metabolic, respiratory, cardiac function, and clients experiencing perioperative procedures. Students will conduct comprehensive assessments, identify problems, and make sound clinical judgements to help clients maintain wellness and achieve restoration to previous levels of wellness with a focus on preventing further alterations in health status. Students will use information and technology to implement and evaluate safe, competent care that is patient centered utilizing a holistic approach. Emphasis is placed on effective communication with the patient, significant others and the interprofessional team while students apply research-based knowledge from nursing, the sciences, and other disciplines including ethics, legal and human rights.

Prerequisite(s): NUR 208, NUR 302, NUR 308, and NUR 376
Corequisite(s): NUR 313 and NUR 323

NUR 220 - Integration of Nursing Practice: Adults with Complex Health Problems

9 credit(s)

This culminating nursing course provides students with experiences designed to promote the integration of nursing methods in the care of adults experiencing complex alterations in physical and psychological health function. Students use the nursing process to promote restoration and rehabilitation and assist clients in achieving optimal levels of wellness. Emphasis is on care of clients with alterations in health related to neurological health, sepsis, cancer, multi-system failure, mental health and trauma. Nursing responsibilities in bio-terrorism and emergency preparedness are included. All nursing skills, including application of therapeutic and pharmacological modalities, psychomotor skills, teaching and communication are included and critical thinking and ethico-legal considerations are integrated. Clinical experiences are provided in acute medical-surgical settings.

Prerequisite(s): NUR 210

NUR 302 - Foundations of the Nursing Profession

3 credit(s)

This course provides the student with the opportunity to explore several ways of knowing and distinguishing the role of nursing from other disciplines. Students will apply theory and evidenced-based knowledge from nursing, the arts, humanities, and other sciences to form the basis for clinical judgment and innovation in nursing practice. Emphasis is placed on creating effective communication skills with patients and teams, analyzing nursing's contribution to a culture of patient safety, applying knowledge of systems and technology and evaluating the cost-effectiveness of care. Students will develop and reflect on strategies that foster personal health, resilience, and well-being as they advance their professional identity as nurses.
This course is for students in the ABSN program.

Pre/Corequisite(s): NUR 208

NUR 303 - Foundations of Professional Nursing

3 credit(s)

This course provides the student with the opportunity to explore several ways of knowing and distinguishing the role of nursing from other disciplines. Students will apply theory and evidenced-based knowledge from nursing, the arts, humanities, and other sciences to form the basis for clinical judgment and innovation in nursing practice. Emphasis is placed on creating effective communication skills with patients and teams, analyzing nursing's contribution to a culture of patient safety, applying knowledge of systems and technology, and evaluating the cost-effectiveness of care. Students will develop and reflect on strategies that foster personal health, resilience, and well-being as they advance their professional identity as a nurse.
This course is for students in the RN to BSN program.

Prerequisite(s): Current, unencumbered RN license in the state where the student practices nursing; Acceptance into the RN to BSN program

NUR 307 - The Wellness Continuum II

7 credit(s)

This course provides the student with the opportunity to develop the knowledge and skills to care for adults experiencing disruptions in health status associated with acute and chronic health conditions. The student will apply evidence-based knowledge and skills to the care of adults with alterations to body system functioning. Students will conduct comprehensive assessments, identify problems, and make sound clinical judgements to help clients maintain wellness or restore them to previous levels of wellness with a focus on preventing further alterations in health status. Emphasis is placed on effective communication with the patient, significant others and the interprofessional team while applying research-based knowledge from nursing, the sciences, and other disciplines including ethics, legal and human rights. Experiential learning takes place in

acute care settings, practice laboratory and simulations.

Prerequisite(s): NUR 217, NUR 313, and NUR 323
Corequisite(s): NUR 338 and NUR 433

NUR 308 - Principles of Pathophysiology

3 credit(s)

This course gives students the opportunity to learn about the cellular and organ changes that occur with disease and their effects on total body function. There is a focus on the mechanisms of the underlying disease. Students will combine knowledge of pathophysiology, holistic health assessment, and clinical judgment to identify actual or potential health problems. Knowledge and skills learned during this course will enable students to develop individualized plans of care to provide compassionate, person-centered care across the lifespan. Students will foster quality patient outcomes and wellness at the individual, group, or community levels.

NUR 312 - Health Assessment

3 credit(s)

This course builds on the professional nurse's theoretical framework, knowledge, and skills necessary to perform a comprehensive health assessment and physical examination on clients across the lifespan. The focus is on providing a person-centered assessment that is holistic, individualized, respectful, compassionate, and developmentally appropriate. Students will advance their communication skills to facilitate a partnership approach to quality care. Emphasis is placed on developing a culture of patient safety through virtual simulations. Students will also apply knowledge of systems, information, and communication technology to gather information, enter data, and generate knowledge.

Corequisite(s): NUR 303

NUR 313 - Nursing Research and Evidence-Based Practice

3 credit(s)

This course provides the student with the opportunity to learn about the research process and its relevance to nursing scholarship and evidence-based practice. Students will be able to differentiate between qualitative and quantitative research methods while advancing clinical judgement skills. Emphasis will be on developing the student's ability to apply nursing conceptual frameworks, incorporate clinical research findings, and engage in evidence-based practice. By the end of this course, students will be prepared to engage with nursing research as informed consumers.

Prerequisite(s): NUR 208, NUR 302, NUR 308, and NUR 376
Corequisite(s): NUR 217 and NUR 323

NUR 323 - Mental Health Nursing

5 credit(s)

This course creates an opportunity for students to comprehensively explore the mental health of diverse individuals throughout the lifespan, grounded in a holistic caring framework. Students will learn the range of clients' responses to mental health issues within the context of person-centered care and systems. Emphasis is placed on understanding the complexities and intricacies of the brain and human behavior. Special attention is given to the origins of psychiatric disorders, exploring both biological determinants and environmental factors. A key focus of the course is for students to acquire the knowledge, skills, and attitudes necessary to provide holistic nursing care to individuals experiencing psychiatric disorders.

Prerequisite(s): NUR 208, NUR 302, NUR 308, and NUR 376
Corequisite(s): NUR 217 and NUR 313

NUR 338 - The Wellness Continuum for Children and Families

3 credit(s)

Students will demonstrate clinical judgment founded on a broad knowledge base that includes the physiological, psychosocial, and developmental stages of families through the wellness continuum and lifespan. The student will employ a participatory approach to establish caring relationships and communicate effectively with individuals, families, and team members to maintain a climate of mutual learning, respect, and shared values. There is a strong emphasis on quality, safety, knowledge of healthcare systems, informatics and healthcare technologies utilized in the care of vulnerable populations. Students will demonstrate the integration of diversity, equity, and inclusion as core to one's professional identity.

Prerequisite(s): NUR 217, NUR 313, and NUR 323
Corequisite(s): NUR 307

NUR 353 - Introduction to Nursing Research

3 credit(s)

This course provides the student with the opportunity to learn about the research process and its relevance to nursing scholarship and evidence-based practice. Students will be able to differentiate between qualitative and quantitative research methods while advancing clinical judgement skills. Emphasis will be on developing the student's ability to apply nursing conceptual frameworks, incorporate clinical research findings, and engage in evidence-based practice. By the

end of the course, students will be prepared to actively engage with nursing research as informed consumers.

Prerequisite(s): Stat 167 and NUR 303

NUR 364 - Public and Community Health Nursing

3 credit(s)

This course focuses on the client as a healthcare consumer and member of a community. Emphasis is placed on the nurse's social responsibility as a citizen who advocates for the attainment of health equity for all, and the role the nurse has in considering individual beliefs, values, and personalized information in communications. Students will integrate community and population health principles and practices in the clinical management of populations across the age continuum. Students will create a proposal for a practice change to improve nursing care for the chosen community.
This course requires 45 independent clinical hours in the student's chosen community.

Prerequisite(s): NUR 303

NUR 376 - Pharmacology for Nurses

3 credit(s)

This course provides the students with the opportunity to acquire foundational knowledge, skills, and attitudes about pharmacology and pharmacotherapeutics required for entry-level nursing practice. The focus is on pharmacology for health promotion, treatment of illness, and restoration of wellness in diverse individuals. Further emphasis will be on using human body systems as a framework to explore drugs and common human conditions. Students will also examine the impact of drug therapy on the health of special populations. Review and practice of medication calculations expected of a professional nurse will be included.

Corequisite(s): NUR 208, NUR 302, and NUR 308

NUR 383 - Pharmacotherapeutics Across the Lifespan

3 credit(s)

This course provides practicing RNs the opportunity to expand their knowledge of pharmacotherapeutics relevant to both their current practice and other specialties. The focus is on health promotion, treatment of illness, and the restoration of wellness in diverse individuals across the lifespan. Further emphasis will be on the use of human body systems as a framework to explore drugs and common diseases. Students will also examine the impact of drug therapy on the health of special populations.

Prerequisite(s): NUR 312

NUR 433 - Community and Public Health Nursing

5 credit(s)

This course focuses on the client as a healthcare consumer and member of a community. Emphasis is placed on the nurse's social responsibility as a citizen who advocates for the attainment of health equity for all. Integration of community and population health principles will direct clinical management of diverse populations across the age continuum through the lens of the social determinants of health. Students will explore the role of the nurse in meeting the needs of diverse communities. In addition, they will create a proposal for a practice change to improve nursing care for the chosen community based on a focused assessment.

Prerequisite(s): NUR 338
Corequisite(s): NUR 307

NUR 438 - The Wellness Continuum for Women, Newborns and Families

4 credit(s)

Students will demonstrate clinical judgment founded on a broad knowledge base that includes the physiological, psychosocial, and developmental stages of families through the wellness continuum and lifespan. The student will employ a participatory approach to establish caring relationships and communicate effectively with individuals, families, and team members to maintain a climate of mutual learning, respect, and shared values. There is a strong emphasis on quality, safety, knowledge of healthcare systems, informatics and healthcare technologies utilized in the care of vulnerable populations. Students will demonstrate the integration of diversity, equity, and inclusion as core to one's professional identity.

Prerequisite(s): NUR 307, NUR 338, and NUR 433
Corequisite(s): NUR 456 and NUR 452

NUR 452 - Caring for Adults with Complex Health Alterations

9 credit(s)

This final comprehensive course provides a didactic and clinical experience in which students demonstrate achievement of advanced knowledge and practice ready nursing skills. A major focus is on the care of diverse adult populations with complex acute alterations in health. Students will employ the nursing process as a dynamic framework to make accurate assessments, identify problems, and create a person-centered plan of care based on sound clinical judgements supported by evidence-based interventions. Emphasis is on competent use of effective teaching

methodologies, collaborative practice, quality and safety, use of technology and advanced communication techniques. Students must include consideration of ethical-legal issues, diversity, equity, inclusion, and the impact of racial discrimination on the delivery of health care. This course offers a realistic and immersive environment for students to apply their acquired knowledge and skills to build confidence prior to graduation. Students will demonstrate professional accountability and clinical competence through their ability to establish priorities, make informed decisions, and enhance their independence in the management of patient care.

Prerequisite(s): NUR 307, NUR 338, and NUR 433
Corequisite(s): NUR 438 and NUR 456

NUR 456 - Nursing Leadership

3 credit(s)

This course provides the students with the opportunity to self-reflect and enhance their capacity for leadership including accountability to the individual, society, and the profession. Students will learn how to develop a participatory approach to their role as leaders, comply with relevant laws, policies, regulations, and integrate diversity, equity and inclusion as core to one's practice. Leadership style, conflict resolution and different nursing frameworks will be explored to advance leadership knowledge and skills. Emphasis is placed on engaging in effective partnerships, consideration of the socioeconomic impact of delivery of health care, working effectively in healthcare systems and applying quality improvement principles.

Prerequisite(s): NUR 307, NUR 338, and NUR 433
Corequisite(s): NUR 452 and NUR 438

NUR 463 - Introduction to Healthcare Policy and Advocacy

3 credit(s)

This course introduces the student to health policy and advocacy within the scope of practice of the Registered Nurse. Students will scrutinize the pivotal role of the registered nurse together with other agencies to shape healthcare policy and strategic planning. Emphasis is on a comprehensive understanding of multifaceted healthcare policy by examining the basic principles of policy and advocacy that encompasses the socio-political and economic dynamics that impact health and healthcare-seeking behaviors. This course will help students demonstrate knowledge, skills, attitudes and motivation for effective political advocacy, activism, and empowerment.

Prerequisite(s): NUR 353

NUR 464 - Leadership and Management in Nursing

3 credit(s)

This course provides the students with the opportunity to self-reflect and enhance their capacity for leadership including accountability to the individual, society, and the profession. Students will learn how to develop a participatory approach to their role as leaders, comply with relevant laws, policies, regulations, and integrate diversity, equity, and inclusion as core to one's practice. Leadership style, conflict resolution and different nursing frameworks will be explored to advance leadership knowledge and skills. Emphasis is placed on engaging in effective partnerships, consideration of the socioeconomic impact of delivery of health care, working effectively in systems, and applying quality improvement principles

Prerequisite(s): NUR 353 and NUR 364

NUR 630 - Theoretical Foundations of Population Health

3 credit(s)

In a transforming healthcare system, this course examines the theoretical foundations of population health management as a specialty for advanced nursing and interprofessional practice. Focusing on health promotion and disease prevention, concepts and models of healthcare distribution are explored. Case management, care transitions and coordination in a variety of health care settings are examined for their effects on public health policy, costs and quality of health care. Emphasis is placed on the planning of a special project for a case management program that is completed in the capstone course.

Prerequisite(s): NUR 610 and NUR 620
Corequisite(s): NUR 540

NUR 640 - Healthcare Quality: Communication and Informatics

3 credit(s)

This course provides an introduction and exploration of concepts and theories relevant to quality healthcare for diverse populations in relation to families, community, and population health nursing. Quality improvement systems and strategies in health care transformation are explored. Point-of-Care technology, information exchanges in health care systems, data management and analytics are focal points in examining the advanced nursing role in producing positive health outcomes for populations.

Prerequisite(s): NUR 540 and NUR 630
Corequisite(s): NUR 695

NUR 695 - Advanced Population Health

3 credit(s)

This course builds on the population health theoretical foundations provided in Nursing 630. The course includes concepts of interprofessional collaboration, leadership, evidenced based clinical practice, fiscal planning, computer information systems, healthcare system navigation, and resource management. The population focus identified in NUR 630 will be further refined into a comprehensive population health focused project. Students will develop a project or program aligned with an area of interest. A master's or doctorally prepared clinical preceptor will be contracted by the student for mentorship prior to the initiation of class. Ninety clinical hours with a mentor are required.

Prerequisite(s): NUR 630
Corequisite(s): NUR 640

PN 100 - Fundamentals in Nursing I

5 credit(s)

This course introduces students to the nursing profession and the various roles and responsibilities of the nurse. Students will learn basic nursing skills that they will practice under the direction of their instructor before applying to clients in a clinical setting. Students will be taught a broad scope of nursing skills including physical assessment, diagnostic techniques, infection control, pain management, and nutrition with an emphasis of providing safe, quality care. The Nursing Process will be examined to promote and maintain physical, emotional, social, and spiritual health while providing consideration to cultural beliefs and practices.

PN 101 - Professionalism in Nursing

3 credit(s)

This course will introduce students to behaviors and skills needed to function in the role of a clinically competent PN. Students will explore the expectations of a PN in academic and professional environments including interpersonal communication, emotional intelligence, cultural sensitivity, integrity, and compassion. Scope of practice, safety standards, and adherence to applicable laws will also be examined.

PN 102 - Fundamentals in Nursing II

4 credit(s)

This course continues to build upon skills and concepts learned in Fundamentals of Nursing I. Students will gain more in-depth nursing skills including physical assessment, diagnostic techniques, infection control, pain management, and nutrition with an emphasis of providing safe,

quality care. The nursing process and critical thinking skills will help students apply nursing interventions to effectively manage patients with changes in condition while promoting safety.

PN 103 - Medical Surgical 1A

3 credit(s)

This course introduces students to complex diseases including pathophysiology, signs and symptoms, and interventions to care for patients across the health-illness continuum. Emphasis will be placed on medical terminology, nursing priority, and supporting patients from various cultures. Students will also be introduced to a variety of nursing skills such as tracheotomy care, catheter insertions, and medication administration in a hands-on lab environment. Students will apply the nursing process to develop their understanding of a holistic and systematic approach to patient care during illness, with the goal of supporting the individual's return to optimal health.

PN 104 - Medical Surgical IB

4 credit(s)

This course continues to develop students' knowledge of complex diseases including pathophysiology, signs and symptoms, and interventions to care for patients across the health illness continuum. Emphasis will be placed on medical terminology, nursing priority, and supporting patients from various cultures. Students will apply the nursing process to develop their understanding of a holistic and systematic approach to patient care during illness, with the goal of supporting the individual's return to optimal health. Students will participate in an immersion experience to validate their abilities to perform the standard for nursing skills taught throughout Medical Surgical I.

PN 105 - Pharmacology

3 credit(s)

This course will introduce the student to the basic classifications of medications, general action, use and side effects, and adverse effects. Students will learn and practice adult and pediatric dosage calculations and safe medication administration principles. Medication administration will be performed in a laboratory under an instructor's direction before administering medication in the clinical setting. Legal, regulatory and ethical guidelines of safe medication administration will be emphasized.

PN 106 - Medical Surgical II

6 credit(s)

This course is a continuation of Medical Surgical I. Students will advance their learning of

pathophysiology, signs, symptoms, incidence, and treatment of disease/illness that affect individuals across the lifespan on the health-illness continuum. Emphasis is on asthma, pneumonia, acute respiratory distress syndrome, myocardial infarction, heart failure, autonomic dysreflexia, meningitis, and diabetes. The nursing process and critical thinking skills will be utilized to meet the needs of the patient, family, or support individuals during illness with the goal of returning the individual to optimal health.

PN 107 - Mental Health Nursing

3 credit(s)

This course will equip students with the ability to provide compassionate and effective mental health care. This course will also provide an overview of various mental health conditions and the management of the mental health patient. Students will focus on therapeutic communication techniques, critical thinking skills and the nursing process that contribute to the overall well-being of their patients and families while enhancing the quality of healthcare.

PN 109 - Growth & Development Across the Lifespan

4 credit(s)

This course teaches students concepts of growth and development throughout the lifespan, drawing on major theoretical positions. Students will examine the development and learning from infancy to advanced old age including childhood, adolescence, middle adulthood, late adulthood, and geriatrics. Students will discuss how to help patients maneuver through various life events based on their developmental stage as well as how to navigate death and dying.

PN 114 - Medical Surgical IIIA

4 credit(s)

This course advances students' understanding of diseases and conditions across the lifespan. Students apply this knowledge using critical thinking and clinical judgment within the nursing process to address patient needs along the health-illness continuum, with an emphasis on restoring and maintaining optimal health. Content focuses on preoperative care, critical care concepts, disaster preparedness, wound assessment and treatment, and selected body systems, including gastrointestinal, lymphatic, and hematologic processes, to support the management of complex health conditions.

Prerequisite(s): PN 106

PN 115 - Medical Surgical IIIB

3 credit(s)

This course continues to advance students' understanding of diseases and conditions across the lifespan. Students apply this knowledge using critical thinking and clinical judgment within the nursing process to address patient needs along the health-illness continuum, with an emphasis on restoring and maintaining optimal health. Content focuses on preoperative care, critical care concepts, disaster preparedness, wound assessment and treatment, and selected body systems, including gastrointestinal, lymphatic, and hematologic processes, to support the management of complex health conditions. Students will also recognize, measure, and report patient outcomes to provide the appropriate care. Students will demonstrate their culminating knowledge of medical surgical practices through an immersion experience with the ability to think critically with nursing priority at the forefront.

Prerequisite(s): PN 114

PN 118 - Maternal Nursing

3 credit(s)

This course develops students' skills to provide effective, evidence-based care for clients during antepartum, labor and delivery, and postpartum including newborn care. Students will develop a foundation to care for childbearing women including maternal health and fetal development from conception through the postpartum period. Topics will also include physiological and psychosocial changes during the phases of pregnancy. Cultural diversity in the childbearing family is also explored as well as the nurse's role as teacher in health promotion and maintenance.

PN 119 - Pediatric Nursing

3 credit(s)

This course provides students with the skills needed to care for children through birth, toddler, school-aged, adolescence, pre-pubescence, teenage and young adulthood periods. Students will develop an understanding of the different health conditions specific to the pediatric population and appropriate nursing interventions to support positive outcomes. Cultural diversity impacting children is explored, along with their physical, social, emotional and spiritual needs. Emphasis is placed on the nurse's role as teacher in health promotion and maintenance for parents of pediatric clients.

PN 120 - Practical Nurse Capstone

2 credit(s)

This course will prepare students to transition to the Licensed Practical Nurse role. Students will

focus on test taking strategies, apply critical thinking to a variety of testing environments, and incorporate high yield tools to successfully pass the NCLEX-PN examinations. Students will take practice tests and complete self-assessments to determine areas of strength and weakness to adjust their focus of study. Aspects of scope of practice, leadership & management roles, pharmacology, medical surgical concepts, legal and ethical responsibilities of licensure, and continuing education will be discussed.

Organizational Leadership

OL 500 - Foundations of Leadership

3 credit(s)

This course explores leadership across organizational entities of business, government and non-profits where management and supervision intersect. Topics also include problem-solving, conflict resolution, leadership styles, cross-cultural and cross-generational challenges and stakeholder engagement. This exploration engages the learner in the ethical expectations of leadership and the practice of reflection.

OL 510 - Leadership Practices in Organizational Communications

3 credit(s)

This course focuses on the persuasive techniques and strategies for effective communication to internal and external stakeholders by leadership. Case studies are used to examine communication successes and failures. The role of ethics in communications is integrated as part of the leaders' understanding and practice of sharing information with stakeholders.

OL 520 - Data-Driven Decision-Making for Executives

3 credit(s)

This course provides a foundation for data-driven decision-making practices for managers at the mid-level and strategic apex of the organization. The use of metrics to guide decision-making and improve performance is central to the learner experience. Essential measurement tools and resources are explored, such as a balanced scorecard.

OL 525 - Special Topics in Leadership

3 credit(s)

This course explores current leadership issues on the forefront of organizations given the present socio-economic status of the environment. Participants also engage in the presentation of key issues for stakeholders, including an understanding of followership, human resource obligations

and practices, innovative management strategies, leading project managers and the business of leadership concerning finances and culture.

OL 540 - Performance Management

3 credit(s)

More than an evaluation training piece, participants in this course explore and use relevant strategies to develop their workforce from onboarding through career development planning. Strategies around efficiencies incorporate previous learning to create productive workplaces and identify future talent for development within the organization. Talent development through coaching, mentoring, and shadowing are among the strategies explored.

OL 620 - Negotiation and Conflict Response

3 credit(s)

This course focuses on exposing students to conflict response and negotiation strategies. Through the use of readings, discussions and assessments, students develop an appreciation of conflict dynamics and the art and science of negotiation. Students practice negotiating on a range of topics, including negotiating in difficult situations. Though the course emphasizes both theoretical and practice, the reflective elements of how this impacts leadership are integrated into a true examination of the student's relationship to conflict and negotiation.

OL 650 - Sustainability of Innovation and Strategic Advantage

3 credit(s)

This course develops the requisite skills for understanding and implementing systemic planning within a variety of organizations. Strategic goal setting, mission-driven plans, managing constrained resources, and monitoring and modifying strategic plans in a dynamic environment are emphasized for the sustainability of innovation and keeping the organization at a strategic advantage.

OL 660 - Leading Organizational Change

3 credit(s)

Participants will learn the art and science of leading change within an organization to ensure success in the change process. The dynamics and effects of change in the workforce will be explored and then participants will develop change plans for an organization to ensure the building blocks of successful change are complete and implemented.

OL 665 - Applied Research for Organizational Leaders

3 credit(s)

This course provides students with basic competency using quantitative, qualitative, and mixed methods commonly found in the workplace. The course thereby offers the student the opportunity to study research methodology as it relates to the needs and goals of the organization. Fundamental statistics are covered. Students apply research methods to work-related problems using statistical software, and they learn to make accurate interpretations of data, as well as to recognize specious ones or poor methodology/results.

OL 670 - Coaching as a Leadership Tool

3 credit(s)

This course provides an introductory exploration into coaching. Students will explore fundamental coaching principles, techniques, and practices for effective coaching relationships. Through theoretical knowledge and practical skills development, participants will learn how to facilitate personal and professional growth in individuals and support them in realizing their full potential. Key topics covered include active listening, powerful questioning, goal setting, building trust, and providing constructive feedback. By the end of the course, students will have gained a solid foundation in coaching that can be applied in various contexts, such as life coaching, career coaching, and leadership coaching.

OL 675 - Leadership Consulting

3 credit(s)

This course examines in depth the consulting relationship and the consulting process. Students review the roles and responsibilities of consultants who work internally and externally for organizations of all kinds. They study the key aspects of consulting, including relationship-building, contracting, data gathering, problem diagnosis, resistance, and the creation of project deliverables. Various models for the consulting process are presented and applied to several business cases. This course examines many of the challenges a consultant faces-from conceptualizing client problems to showing your clients how to manage and lead change, to improving relationships between departments, to goal setting and planning. The purpose of the course is to provide an understanding of the process of organizational consultation. The course focuses on providing the professional with a philosophy, a process, and evaluative criteria for determining the effectiveness of the consulting intervention that he or she provides. The focus is on developing a problem-centered approach to intervening in organizations that minimizes reliance on programmed techniques and maximizes collaborative innovation and learning between client and consultant.

OL 680 - Engaging with Senior Executives

3 credit(s)

This course provides students with insight into how decisions are made at the executive level and how the students can influence those decisions. Students will assess and further develop their ability to create and sustain relationship with senior executives. Topics include: The Politics of Leadership, Influencing Skills, Building a Business Case, and Critical Issues for Senior Executives. Students will interact with senior executives in guided simulations and receive feedback directly from these senior executives.

OL 685 - Leadership Training and Development

3 credit(s)

This course delves into the design and execution of leadership training programs. Students will be exposed to elements of design and execution by exploring existing programs. Students will be introduced to a community organization they will work with in this course and throughout their capstone experience. Students in groups will begin the process of development and execution of a training program that aligns with the community organization's mission and purpose. Students will use the ADDIE model to analyze, design, develop, implement and evaluate the training. Students will critique the process and deliverables through engagement with the assigned community organization. Students who successfully complete this course will go on to continue to refine and conduct a leadership training program for their assigned community organization in Capstone OL 695.

OL 690 - Portfolio

0 credit(s)

Each MSOL student is responsible for completing a successful portfolio as a condition of graduation. A portfolio is an examination of the six Program Outcomes through the student's work in the program and their real-life experiences. The portfolio elements present the student's appreciation of each foundation of the program and explain what each program outcome means to them. The student submits the portfolio outcome essay. The portfolio is graded by a reviewer anonymously. Each student must achieve a rating of proficient to graduate. Students who do not achieve a proficient rating may work with the Program Director to pass the portfolio requirement and officially graduate from the MSOL program.

OL 695 - Leadership Capstone

3 credit(s)

Students have the option of a leadership research project integrating the leadership competencies learned and apply them to a case study or simulation; OR, students may engage in a group or as an individual leadership consultancy project with an external organization where a real leadership

issue is present and needs to be addressed through the lens of prior learning and leadership best practices. Participants work closely with a faculty advisor for either course project. This is a 15-week course.

Prerequisite(s): Satisfactory completion of the Portfolio

Organizational Studies

OS 101 - Team Dynamics and Individual Skills

3 credit(s)

This course focuses on the organizational structure as it relates to individual and team contributions. The role of teams and their functions are explored to develop team-based skill sets for contemporary organizations. This course looks at team processes, development, diversity and conflict management within the team. Students will learn and practice techniques for setting group goals, creating safe environments, managing groups effectively and encouraging the formation of group identity. Students will identify ethical concerns relating to teams.

OS 160 - Leadership Theory and Practice in the Organization

3 credit(s)

The focus of this course is on contemporary leadership theories and the dual role organizational personnel find themselves in as followers, team members and leaders. This course explores the dynamics and responsibilities of each role and the situational and ethical applications that may be encountered. Students will explore personal inventories and assessments to enhance self-awareness and personal leadership style. The leader's role in the organization's culture and ethics is examined.

OS 180 - Organizational Supervision and Administrative Roles

3 credit(s)

This course focuses on the organizational essentials of supervising personnel and the connections with Human Resources, unions and the organizational mission. Topics include supervisory principles, the role of discipline, motivation and the practice of coaching, teambuilding and mentoring. Ethical concerns of supervision are discussed in case studies. Monitoring and assessing performance to detect and correct substandard performance is also examined. It further looks at management's role in the supervisory process and develops good decision-making approaches to supervisory challenges. Supervisory ethical considerations are explored.

OS 210 - Organizational Communications

3 credit(s)

The focus of this course explores the variety of ways communications are carried out in the organization and the meanings and effects of those communications. The course provides an overview of contemporary communications theory, principles and practices that drive organizational effectiveness. Students will examine effective communication planning for the organization as well as identify communication skills necessary to build their personal communication competencies such as persuasion, influence, negotiation and instructing. Students will explore the ethical considerations around the sharing of information and the communication process. Students will develop a communication plan.

OS 230 - Organizational Ethics

3 credit(s)

This course focuses on the role of ethics in the organization and includes the study of ethical paradigms, the ability to make value judgments, think critically and apply sound problem-solving models to address ethical dilemmas within organizations.

OS 250 - Understanding Worker Behaviors

3 credit(s)

This course is designed to explore the variety of workplace structures that employees encounter and allows the participant to understand their worker preferences in structuring their work environment, whether as individual or team member, leader or follower. Developing a social perceptiveness to others' actions in the work place fosters more effective responses to workplace challenges, allows finding better fits between worker styles and tasks, and creating positive work environments. Participants also explore several personality traits of the worker as well as emotional intelligence in the workplace. Students examine the ethical aspects of worker behaviors and their impact on the organization. This course includes the development of a written analytical piece on worker hindering behaviors and solutions via the use of case studies and student observations.

Prerequisite(s): BUS 101 or Departmental Permission

OS 270 - Business Analytics: Data Analysis and Decision Making

3 credit(s)

This course is designed as an introduction to business analytics. Students will learn to utilize data, methods, and fact-based management to support and improve decision making in data driven organizations. Students will explore the capabilities and challenges of data-driven business decision making. The course also discusses the benefits of employing analytics and a structured

approach to problem-solving in management situations. Hands-on work with data and software is an important part of the course. Topics to be covered include data manipulation, predictive analytics, decisions under uncertainty, and decision analytics tools.

Prerequisite(s): MATH 1XX and STAT 167

OS 310 - Positive Mentoring

3 credit(s)

This course is designed to assist students in understanding the foundational knowledge and skills in being effective mentors or mentees in any occupational setting. Students will review best practices for specific mentoring strategies, develop effective communication skills for ensuring success of knowledge/skill transfer, understand the importance and benefits of diversity in a mentoring relationship given generational, cultural, and gender differences, and explore effective means for conflict resolution through teachable moments. Throughout the course, students will gather useful strategies and resources for both themselves and their potential mentees for effective relationship development and sustainability. Students will develop a mentor resource manual for an organization (for-profit or nonprofit) that includes: potential policies/procedures, communication strategies for mentors, assessment initiatives to gauge mentoring success, conflict management strategies, how to address mentorship within a diverse organization, and a guide to effective strategies for developing teachable moments. This resource manual will serve as a foundational guide for mentors and mentees as they work to develop and foster relationships within an organization.

OS 315 - Organizational Theory

3 credit(s)

This course explores classical and neoclassical theories of organizations along with the traditional and contemporary structures of organizations and provides insights into the dynamics of modern organizational structure. It further considers the interaction of personnel and organizational characteristics as they relate to job performance and attitudes in Human Resource Theory. Students also examine the effects of active learning and listening within the organization and the process of making the organization a learning organization through the lens of culture and environment.

OS 320 - Cross-Cultural Competencies in Organization

3 credit(s)

This course examines the diversity of the workplace and its connection to local and global communities. It develops a social perceptiveness and explores the realities of cultural differences across boundaries in the modern workplace and examines those implications. Strategies for

effectively building diverse workplaces are explored as are the ethical implications that arise in areas of diversity.

OS 330 - Talent Development and Performance Assessment

3 credit(s)

This course focuses on processes and approaches to ensure that organizational goals are met effectively and efficiently, building on the KSA's of OS 180. Emphasis is placed on how to affect behavior and results, through a positive performance assessment process and develop personal development plans for career advancement within an organization or career field. Developing skills in personal planning needs assessment and developing one's own talent within the organization is included. Students learn how behaviors and competencies support the organization's vision and mission and how their productivity supports organizational goals. Students are also introduced to a holistic approach to understanding stakeholders in an organization that includes both internal and external factors and focuses on the methods and tools necessary to develop the commitment and relationships with stakeholders to solidify the organization's structure and mission. The ethical standards of performance assessment are also discussed.

OS 355 - Project Management

3 credit(s)

This course introduces students to the complexities of designing, initiating and managing workplace projects. Skills such as time management, resource management, problem identification, budgeting and finance, and coordinating group efforts are integrated into a semester-long project. Use of project management software is also introduced.

OS 425 - Facilitating Groups

3 credit(s)

This course is designed to develop the competencies of participants to work in groups effectively and produce results in a timely fashion. Leading groups or teams through facilitation takes a special set of competencies in communication, listening, group dynamics, coaching, problem-solving and conflict resolution.

OS 430 - Organizational Change

3 credit(s)

This course focuses on the change process within an organization and examines that change through a variety of change models. Students learn about the mechanical side of change along

with the human side. It also examines change behaviors and coping strategies for personnel engaged in organizational change, such as overcoming resistance. Students learn to identify critical elements of organizational change and the importance of excellent communications to facilitate sustainable change.

Personal Care Associate

PCA 101 - Nursing Assistant Skills

6 credit(s)

This course prepares students to deliver safe, compassionate, and effective basic care to patients under the supervision of a registered nurse (RN) or licensed practical nurse (LPN). Emphasis is placed on developing the foundational knowledge, clinical skills, and professional behaviors required of a nursing assistant in diverse healthcare settings. Through a combination of classroom instruction, hands-on laboratory practice, and supervised clinical experience students will learn to support patients with activities of daily living (ADLs), monitor vital signs, implement infection control measures, and communicate effectively as part of a healthcare team. Upon completion of this course, students will be eligible to sit for the state certification examination to become Certified Nursing Assistants (CNAs).

PCA 103 - Patient Care Associate Internship

6 credit(s)

The Patient Care Associate Internship course provides students with hands-on training and career-related experience. This course offers students an extensive on-site experience in a healthcare setting that allows the patient care associate student to utilize currently studied subjects and related skills. Students will utilize their knowledge by communicating with a diverse population, demonstrating foundational patient care techniques, and applying patient safety and wellness in a healthcare system. This internship provides students with valuable certification exam preparation and job placement assistance.

PCA 104 - Patient Care Associate Internship II

6 credit(s)

The Patient Care Associate Internship II course provides students with an extensive on-site experience in a healthcare setting that allows the patient care associate student to utilize currently studied subjects in nursing assistance, phlebotomy, and electrocardiogram. Students will apply their knowledge by communicating with a diverse population, demonstrating foundational patient care techniques, and applying patient safety and wellness in a healthcare system. This internship provides students with valuable job placement assistance.

Corequisite(s): PCA 109, PCA 112

PCA 109 - Principles and Practices of Phlebotomy

3 credit(s)

This course provides students with foundational knowledge of the theory and skill required to safely draw blood. Topics include anatomy and physiology, medical terminology, safety and infection control as well as hands-on training in basic venipuncture and capillary puncture techniques. Students will also learn patient communication, ethical standards, and specimen handling, preparing them for certification exams and roles in the healthcare system. Students will complete 15 successful blood draws on live specimens.

Corequisite(s): PCA 104, PCA 120

PCA 112 - Electrocardiogram Practices

3 credit(s)

This course provides students with the foundational knowledge and hands-on skills necessary to perform electrocardiographic procedures in clinical and healthcare settings. Students will learn cardiac anatomy and physiology, the principles of electrophysiology, proper lead placement, operation of EKG equipment, and interpretation of basic cardiac rhythms. Emphasis is placed on patient preparation, infection control, safety protocols, and accurate documentation. Upon completion, students will be able to perform and record a standard 12-lead EKG and recognize common cardiac dysrhythmias in accordance with professional and ethical standards.

Corequisite(s): PCA 104, PCA 109

PCA 116 - Patient Care Associate Internship III

6 credit(s)

The Patient Care Associate Internship III course provides students with additional opportunities to apply their skills in nursing assistance, phlebotomy, and electrocardiograms in an extensive on-site experience in a healthcare setting. Students will demonstrate their knowledge by communicating with a diverse population, practicing patient care techniques, and applying patient safety and wellness in a healthcare system. This internship provides students with valuable job placement assistance.

Corequisite(s): PCA 120, PCA 125

PCA 120 - Advanced Phlebotomy Techniques

3 credit(s)

This course builds upon students' foundational skills by introducing advanced blood collection methods, including syringe draws and capillary collection techniques. Students will refine their venipuncture proficiency while learning strategies for handling difficult draws and special patient populations. Emphasis is placed on advanced quality control measures, regulatory compliance, and professional and legal aspects of phlebotomy. Students will complete 15 successful blood draws on live specimens.

Corequisite(s): PCA 116, PCA 125

PCA 125 - Advanced Electrocardiogram Practice

3 credit(s)

This course provides an in-depth exploration of advanced electrocardiographic (EKG/ECG) procedures, building upon foundational knowledge of cardiac anatomy, physiology, and basic EKG interpretation. Students will learn to perform and analyze specialized EKG tests such as stress testing, Holter and event monitoring, and 12-lead EKG interpretation for complex cardiac conditions. Emphasis is placed on accurate lead placement, troubleshooting artifacts, recognizing abnormal waveforms, and understanding the clinical significance of arrhythmia and cardiac pathologies. The course integrates theoretical knowledge with hands-on laboratory experiences to prepare students for advanced clinical practice in cardiac monitoring and diagnostic testing.

Corequisite(s): PCA 116, PCA 120

Philosophy

PHIL 100 - Introduction to Philosophy

3 credit(s)

This course introduces students to a broad range of philosophical issues; readings include major philosophers of the Western tradition: Plato, Aristotle, St. Augustine, St. Thomas Aquinas, Descartes, Hume, Kant, Hegel, Marx, Kierkegaard, Schopenhauer, and Sartre. Students will consider issues of ethics, the nature of reality, religious philosophy and the nature of God, the limits of human knowledge, freedom and predestination, and the nature of the good life.

PHIL 101 - Introduction to Logic and Critical Thinking

3 credit(s)

This course teaches how to identify, understand, and evaluate arguments by developing critical thinking and logic skills. The course emphasizes the distinction between fact and opinion,

inductive and deductive reasoning, logical fallacies, and critical analysis of controversial social, political, and ethical issues with an emphasis on implications for business management and leadership.

PHIL 103 - Ethical & Legal Issues

3 credit(s)

This course addresses both ethical theory and contemporary controversial issues that confront students and citizens today through readings and essays on current issues, such as euthanasia, abortion, sexual morality, equality, economic justice, the environment, and ethical considerations in science and technology.

PHIL 105 - Ethics, Values, and Cultural Competence in Practice

3 credit(s)

In this course, students will examine the critical importance of ethical behavior, civility, and values in the helping professions. Codes of ethics from various professional organizations will be analyzed and used as lenses to examine issues of practice. Students will develop an understanding of cultural competence and the need to reflect it in practice. Related topics include conscious use of self; clarification of values; awareness of diversity; recognition of the worth and uniqueness of individuals; choosing the least intrusive intervention in the least restrictive environment; client self-determination; confidentiality of information; and belief that individuals, services systems and society can change.

PHIL 301 - Contemporary Perspectives in Philosophy

3 credit(s)

This course provides students with the opportunity to investigate a number of timeless and more recent philosophical issues through contemporary readings chosen to stimulate individual reflection, as well as classroom discussion and debate. Students will be encouraged to refine their critical thinking, logic, and argumentation skills.

Prerequisite(s): ENG 101

Physics

PHY 110 - Medical Physics

3 credit(s)

This course introduces students to the basic principles of respiratory care physics. Topics include

work, energy, fluid dynamics, the mechanics of ventilation, and Starling's Law. Dimensional analysis, the kinetic theory of matter, the gas laws, associated chemical laws, and temperature scales will also be explored.

Prerequisite(s): MATH 1XX

Professional Studies

PRO 495 - Professional Studies Capstone

3 credit(s)

This course is a culminating experience, providing students with an opportunity to apply theoretical knowledge and acquired skills to an organizational or community issue. Students will also explore current career options, strengthen job search strategies, complete a detailed five-year career plan, and identify opportunities for furthering their education. Course assignments challenge students to demonstrate and strengthen critical thinking and analytical skills. The final outcome of this course is the completion of a major action/service-learning research project.

Prerequisite(s): Departmental Permission

Psychology

PSY 112 - Introduction to Psychology

3 credit(s)

This course introduces the fundamental concepts of psychology, including physiological psychology, neuropsychological principles, sensation and perception, cognition, learning, child and adult development, social psychology, personality, and abnormal psychology. Students will focus on understanding human behavior and its application to everyday life.

PSY 205 - Organizational Behavior

3 credit(s)

This course explores the theoretical and practical concepts of organizational behavior focusing on organizational systems, leadership behaviors and decision making, effective communication, diversity and culture, and team dynamics. Students will examine the complexities of navigating a work environment concentrating on successful human interactions, including individual and group behavior, diverse personalities, perception of yourself and others, and cross-cultural differences to succeed in social and work environments.

PSY 207 - Psychosociological and Ethical Issues of Death

3 credit(s)

This course will explore the psychological impact of death as it pertains to the bereaved at various stages of their lifespan as well as how it affects the funeral service practitioner. The various concepts of many Death Theorists will be explored in detail. Contemporary societal changes toward death and bereavement will be extensively examined, as well as its impact on the funeral service profession. Complex ethical issues exclusive to funeral service will be studied. Course material will follow strict guidelines regarding professional standards for Psychology, Sociology, and Ethics.

PSY 210 - Psychology of Learning

3 credit(s)

This course provides a study of human behavior in learning situations, including theories of development and learning, individual differences, conditions for learning, and dynamics of achieving learning outcomes. Students will focus on working with individuals in a variety of educational and agency settings.

Prerequisite(s): PSY 112

PSY 212 - Lifespan Development

3 credit(s)

This course presents the basic theories and concepts used in the study of the human lifespan, including physical, cognitive, personality, and social development from conception through death. Students will examine the cultural nature of human development and relevant socio-emotional processes. Topics will emphasize the understanding of human development from personal, theoretical and professional perspectives.

Prerequisite(s): PSY 112

PSY 215 - Abnormal Psychology

3 credit(s)

Abnormal psychology focuses on an examination of abnormal or maladaptive behaviors among the diversity of human behavior. Emphasis is placed on the theoretical, clinical, and experimental perspectives of the study of psychopathology. Topics will cover etiology, prevalence, diagnostic features, assessment, and treatment of major disorders.

Prerequisite(s): PSY 112

PSY 218 - Adolescent Development

3 credit(s)

The physical, cognitive and social-emotional development of adolescents, with special emphasis on major theories and research methods are examined in this course. Students will consider the influence of heredity, family, peers, school, media and community as contexts within which adolescents develop. Discussion will focus on diversity issues such as culture, socio-economic class, ethnicity, gender, and sexual orientation, as well as common adolescent problems.

Prerequisite(s): PSY 112

PSY 235 - Introduction to Substance Use and Co-Occurring Disorders

3 credit(s)

This course provides a diverse overview of illicit and licit, or legal, drugs from an ecological perspective. Course topics include theories of substance use disorders; co-occurring disorders; effects of substance use on individuals, families, communities, and society; public policies responding to substance use disorders; and treatment options such as medication management. Students will learn how substances affect the brain, including genetics, epigenetics, drug pharmacology, and cellular and molecular biology.

Crosslisted as: HSR 235

PSY 300 - Health Psychology

3 credit(s)

This course serves as a comprehensive introduction to the field of health psychology. Students will address both theoretical and applied aspects of health psychology. Topics include stress, pain and coping; behavioral factors in disease; health promotion; and research methods in health psychology.

Prerequisite(s): PSY 112

PSY 305 - Psychology of Personality

3 credit(s)

This course provides an overview of the major personality theories and contributing research evidence. Students will examine the theoretical differences in the motivation and dynamics of behavior, analyze and critique the major approaches to personality theory (psychodynamic, learning, dispositional, humanistic/existential), and study research strategies specific to the study

of personality.

Prerequisite(s): PSY 112

PSY 310 - Psychology of Motivation and Emotion

3 credit(s)

Our motivation for learning, school, work, recreation, relationships, and our overall well-being is grounded in our emotional processes. In this course, you will use diverse theoretical perspectives (e.g., humanistic, behavioral, social, cognitive, biological, environmental) to examine emotions and motivation. Research in which these theories are applied to how emotions affect our self-control, self-regulation, cognition, and drive to achieve our academic, professional, and personal goals will be explored.

PSY 315 - Psychology of Death and Dying

3 credit(s)

In this course, students use multiple perspectives to examine the human processes of death, dying, and bereavement across the life course. The psychological complexities of human responses and related legal and ethical issues are considered. Students actively engage in reflection on the personal meaning of death and their assumptions, biases, attitudes, and reactions to death, dying, and grief. The points of view of dying persons, their families and friends, human services providers, and policy makers are also explored.

Prerequisite(s): PSY 112 or Departmental Permission

PSY 350 - Cultural Psychology

3 credit(s)

This course introduces students to culture's influence on life span development, human development, and mental processes including self-concept, agency, motivation, emotion, and cognition. Topics cover a review of fundamental theories, current research, and applied issues. Emphasis is placed on conceptualizing individual experiences through a cultural humility lens, appreciating all aspects of living, and recognizing the complexity of intersecting identities of race, ethnicity, gender, sexual orientation, socioeconomic status, education, and social needs. The cultural fabric woven into the micro and macro aspects of society provides a backdrop for exploring how cultural humility and cultural competence come together in professional practice.

Prerequisite(s): PSY 112

PSY 401 - Applied Behavior Analysis

3 credit(s)

This course focuses on basic principles and procedures of applied behavior analysis including reinforcement, extinction and punishment; identifies factors that contribute to behavioral problems and improved performance; and introduces procedures that can be used to minimize behavioral problems, improve performance, teach new behaviors, and increase probability of behaviors occurring under appropriate circumstances.

Prerequisite(s): PSY 112

PSY 420 - Research Methods

3 credit(s)

This course provides students pursuing careers in a variety of professions with a general introduction to the language and logic of research with an emphasis on becoming informed consumers of empirical research. The primary aims are to (a) learn how research is conducted and (b) apply that knowledge into practice. Students will acquire fundamental knowledge of the ethics of research, basic terminology, and essential concepts; including research designs, sampling strategies, methods for data collection, and techniques for data analysis. Students will critically read peer-reviewed reports of empirical research, identify knowledge gaps in existing scholarship, synthesize research findings across multiple studies, and describe implications for practice in their respective fields.

Prerequisite(s): ENG 101
Crosslisted as: PSS 390

Public Health

PBH 110 - Introduction to Public Health

3 credit(s)

This course focuses on individual, community and institutional healthcare needs and issues from both the biomedical and socio-cultural points of view. The course explores issues regarding healthcare insurance, the uninsured and underserved, managed care and changes in healthcare marketplace; and provides an overview of major diseases, including epidemics, chronic and acute illness. Discussion of the role of health promotion and prevention will also be explored.

Prerequisite(s): ENG 101

PBH 210 - Health Behavior and Chronic Disease

3 credit(s)

This course examines the behavioral factors that influence health, with particular emphasis on chronic disease outcomes. Students will be introduced to behavioral science theory, and examine behavioral health research methods and interventions for chronic disease.

PBH 212 - Public Health Informatics

3 credit(s)

Coursework includes organizational change issues in healthcare and public health environments, resource management (inventory, tracking and acquisition) and the role of policy formulation. Consumer issues, standards and security, and the provision of health information resources to healthcare workers will also be covered. Relevant applications and issues related to health services will also be explored.

Prerequisite(s): BIO 120

PBH 215 - Introduction to Healthcare Informatics

3 credit(s)

The course explores the role of information technology in the healthcare sector and the integration of data, systems, and technology to improve patient care, enhance healthcare delivery, and support clinical decision-making. Students will gain a basic understanding of electronic health records (EHRs), health information systems, telemedicine, data management, and the ethical and legal considerations associated with healthcare data. Emphasis will be placed on the real-world applications of informatics in healthcare settings, as well as the challenges and opportunities presented by the increasing use of technology in health systems.

PBH 252 - Human Health in the Environment

3 credit(s)

This course studies the relationship of people to their environment, how it affects their physical well-being and what they can do to influence the quality of the environment and to enhance the protection of their health. Emphasis on environmental factors involved in transmission of communicable diseases and hazards due to exposure to chemical and physical materials in our environment. Topics include environmental pollutants; physical, chemical, and biological agents of environmental contamination through air, water, and soil; solid and hazardous waste, susceptible populations and risk analysis; the scientific basis for policy decisions; and emerging global environmental health problems.

Prerequisite(s): BIO 120

PBH 271 - Issues of Diversity and Equity in Public Health

3 credit(s)

This course will review the social determinants of health and their influence on diverse populations and health equity. Students will explore and discuss theory, evidence, and policy implications of development. Modifiable risk factors will be evaluated at the intersections of various cultural characteristics. This course emphasizes socioeconomic, racial, ethnic, and gender status as an influence on health disparities and health inequities.

PBH 280 - Introduction to Global Health

3 credit(s)

This course will explore the unequal distribution of health and disease in the world. Students will understand the burden of disease, disease epidemiology, and interventions used to address global health issues. Public Health approaches used in the U.S. compared to global health interventions and strategies.

Prerequisite(s): PBH 110

PBH 300 - Introduction to Public Health Policy

3 credit(s)

This course introduces students to the fundamentals of public health policy development, implementation and evaluation. Students will examine existing public health systems in the United States including governmental, private and nonprofit based services. Students will understand the fundamental issues in modern public health policy and explore the role of public health advocacy in setting health policy priorities.

Prerequisite(s): ENG 101 and PBH 110

PBH 301 - Leadership in Health

3 credit(s)

This course focuses on leadership development of the healthcare professional. Hospitals and health systems are challenged to respond to the rapidly changing health care environment. As leadership behaviors are more likely to be spread across disciplines within an organization, the response to these challenges must consider the capabilities of all healthcare professionals. Students will explore leadership theories, case studies, and ethics in health leadership to strengthen their own style of leadership in the healthcare environment.

Prerequisite(s): ENG 101 and 3 Additional credits in Composition

PBH 302 - Public Health Personnel and Administration

3 credit(s)

This course covers selection and management of personnel in healthcare; effects and development of review systems and assessment. It includes discussions of accountability and productivity of healthcare employees.

PBH 305 - Ethics in Public Health

3 credit(s)

This course will introduce students to ethical considerations in public health including the design of research and public health interventions. Through a series of case studies, students will reflect on historical issues in public health research ethics and their impact on the modern practice of public health and public health research. The course will introduce students to health equity and social justice issues in public health.

Prerequisite(s): ENG 101

PBH 310 - Occupational Health in the United States

3 credit(s)

Students will explore occupational health and safety issues including an introduction to occupational health issues in special populations such as the aging workforce. Students will compare and contrast occupational safety and health in the United States and globally including the use of laws and regulations to keep workers safe. Landmark occupational health and safety case studies will be examined including the evolution of major Occupational Health organizations such as OSHA and NIOSH.

PBH 315 - Injury Prevention and Public Safety

3 credit(s)

This course explores the incidence and prevalence of injury across populations. The course will introduce students to epidemiologic methods to investigate injury and assess safety in communities. Students will be introduced to intervention strategies used in public health injury prevention.

PBH 322 - Health Administration

3 credit(s)

This course provides the knowledge and skills to management functions, tasks, and roles as they are carried out in the health service organizations. Discussion of emerging issues affecting the management of health services organizations is provided. This course uses the case methods of analysis to develop critical thinking skills.

Prerequisite(s): STAT 167 or PBH 212

PBH 340 - Data Mining and Knowledge Discovery

3 credit(s)

This course will introduce the main topics and algorithms in data mining and knowledge discovery, including association discovery, classification, clustering, outlier detection, and database support. Emphasis will be placed on the algorithmic and systems issues, as well as application of mining in real-world problems.

Prerequisite(s): PBH 212 or STAT 167 or Departmental Permission

PBH 379 - Social and Behavioral Aspects of Public Health

3 credit(s)

This course provides an overview of social and behavioral health. Emphasizing the ecological model of community health problem analysis and development of effective interventions, this course uses social and behavioral theories and models to guide, determine, and evaluate program strategies for the improvement of community health.

PBH 400 - Community Health

3 credit(s)

This course will introduce students to public health interventions in community settings. Students will gain an understanding of the role of community health workers particularly their evolving role within the context of healthcare reform. Students will get hands on experience with community health education methods and strategies including culturally appropriate educational materials and presentations, community organization and public health advocacy.

PBH 405 - Health Communication and Literacy

3 credit(s)

This course is designed for students pursuing a degree in the public health field. Students are

introduced to health communication and health literacy concepts which focus on the study and use of communication strategies to inform individual and community decisions that affect health. We will explore a variety of concepts of health literacy and health communication styles which can positively influence outcomes for patients and families. Students will gain information on how to best promote and protect the public's health as well as how to increase an individual's capacity to obtain, process, and comprehend basic health information.

PBH 412 - Database Design and Implementation

3 credit(s)

This course will emphasize the integration of health information functions, such as record content and formatting, with database concepts and management practices. It will cover topics including data definition modeling, database access, design, and implementation, with a focus on the relational model. The course will also address managerial issues related to enterprise database processing, applying core database management principles to health information scenarios.

Prerequisite(s): PBH 340 or Departmental Permission

PBH 415 - Population Health

3 credit(s)

This course examines the health status and determinants of health outcomes for entire populations. This course offers a comprehensive overview of the key concepts, theories, and methods used to study, analyze, and improve the health of communities and populations. Population Health explores the interplay of social, economic, environmental, and healthcare factors that shape the health of individuals within communities and provides tools and strategies for addressing public health challenges.

Radiography

RAD 110 - Patient Care & Ethics

3 credit(s)

This course teaches students the essential knowledge and patient care skills required to serve as a radiography professional. Topics include professionalism in radiography as it relates to the health care environment, ethics and law, and interpersonal communication. Students will also learn health related processes for infection control, medical emergencies, and drug administration.

RAD 115 - Imaging/Exposure I

3 credit(s)

This course teaches students the fundamentals of image production and radiation safety. Topics will include primary exposure factors of milliamperage seconds (mAs) and kilovoltage (kVp) as they influence image production and quality. Students will also use specific mathematical calculations to demonstrate a variety of exposure factors that impact patient safety and govern the selection of exposure factors for images of the entire human body.

RAD 120 - Radiographic Procedures I with Lab

4 credit(s)

This course teaches students anatomical structures and proper positioning for examinations of the chest, abdomen, upper extremities, and shoulder girdle. Students
will demonstrate these radiographic procedures with the appropriate radiographic equipment to ensure accuracy in a real-world setting. Students will also apply medical terminology as it relates to the anatomic areas under study.

RAD 130 - Radiographic Procedures II with Lab

4 credit(s)

This course teaches students anatomical structures and proper positioning for examinations of the lower extremities, hip and pelvis, and vertebral column. Students
will demonstrate these radiographic procedures with the appropriate radiographic equipment to ensure accuracy in a real-world setting. Students will also apply medical terminology as it relates to the anatomic areas under study.

Prerequisite(s): RAD 120

RAD 150 - Physics of Image Production

3 credit(s)

This course will teach students the process of how electricity is generated and utilized to power x-ray equipment. Students will explore and analyze the components of the x-ray generating equipment, the component parts of the x-ray circuit including transformers, and the rectification process. Students will receive an overview of the laws, theories and principles of basic atomic structure, electrostatics, electrodynamics, electromagnetism, radioactivity, and the electromagnetic spectrum.

RAD 180 - Radiographic Clinical I

1 credit(s)

This course introduces students to the radiography clinical environment. Students will be assigned to clinical education settings under the direct supervision of radiologic technologists. Students will obtain hands-on experience with patients to demonstrate proper patient care and radiographic positioning skills to produce quality radiographic images. Students will experience a wide variety of radiographic procedures with a focus on the chest, abdomen, and upper extremities.

RAD 185 - Radiographic Clinical II

1 credit(s)

This course continues to develop students' clinical abilities in a radiography clinical environment. Students will be assigned to clinical education settings under the direct supervision of radiologic technologists. Students will obtain hands-on experience with patients to demonstrate proper patient care and radiographic positioning skills to produce quality radiographic images. Students will experience a wide variety of radiographic procedures with a focus on the lower extremities and vertebral column.

Prerequisite(s): RAD 180

RAD 190 - Radiographic Clinical III

2 credit(s)

This course enhances students' clinical abilities in a radiography clinical environment. Students will be assigned to clinical education settings under the direct and indirect supervision of radiologic technologists. Students will apply patient care skills when producing quality radiographic images. Students will be responsible for setting radiographic exposure factors and assessing radiographic images. Students will also begin advanced imaging clinical rotations with CT and MRI equipment.

Prerequisite(s): RAD 180, RAD 185

RAD 210 - Imaging/Exposure II

3 credit(s)

This course continues to develop students' abilities with the process of image production. Topics will include digital image production, digital image characteristics, properties of image display, and technical factors required for digital image production. Students will explore the component parts of fixed and mobile fluoroscopic systems and be introduced to conventional tomography and tomosynthesis procedures.

Prerequisite(s): RAD 115

RAD 220 - Radiographic Pathology

3 credit(s)

This course will prepare students to interpret radiographic images for the appearance of radiographic pathology. Students will investigate key radiographic pathology systems, the causes of various disease processes, and their appearance on various imaging technologies. An introduction to cross sectional anatomy will also be included in this course.

RAD 240 - Radiographic Procedures III With Lab

4 credit(s)

This course is the final procedures course in the radiography program and completes the study of the skeletal system. Student will explore advanced fluoroscopic, operating room, and C- Arm procedures. Topics include procedural indications for each examination including patient education, contraindications, required equipment and materials, patient positioning, and anatomical structures demonstrated as well as related pathological conditions.

Prerequisite(s): RAD 120, RAD 130

RAD 250 - Imaging/Exposure III

3 credit(s)

This course completes the study of radiographic image production focusing on the study of health care and radiographic informatics. Topics include the processes of radiographic image evaluation, development of quality control systems, and appropriate testing mechanisms to confirm system compliance. Students will explore the job responsibilities of radiography service engineers and medical physicists as they pertain to equipment function. An introduction to advanced imaging technologies and the use of artificial intelligence systems in diagnostic imaging are also examined.

Prerequisite(s): RAD 115, RAD 210

RAD 260 - Radiobiology and Radiation Protection

3 credit(s)

This course introduces students to the biologic effects of ionizing radiation to the human body and methods of providing radiation protection to self, patients, and the human population. Topics

include sources of ionizing radiation, radiation units of measurement, the effects of ionizing radiation on human cells, and the radiosensitivity of various organs and organ systems. Students will learn the proper use of radiation detection devices, the regulatory process for use of ionizing radiation, and process for monitoring radiation exposure.

RAD 280 - Radiography Clinical IV

3 credit(s)

This course continues to enhance students' clinical abilities in a radiography environment. Students will be assigned to clinical education settings under the direct and indirect supervision of radiologic technologists. Students will apply advanced patient care skills when producing quality radiographic images and selecting appropriate changes for suboptimal images. Students will be responsible for setting radiographic exposure factors and assessing radiographic images. Students will also continue advanced imaging clinical rotations with CT and MRI equipment.

Prerequisite(s): RAD 180, RAD 185, RAD 190

RAD 285 - Radiography Clinical V

3 credit(s)

This course finalizes students' clinical performance in a radiography environment. Students will be assigned to clinical education settings under the direct supervision of radiologic technologists. Students will apply advanced patient care skills when producing quality radiographic images and selecting appropriate changes for suboptimal images. Students will be responsible for setting radiographic exposure factors and assessing radiographic images. Students will continue advanced imaging clinical rotations with CT and MRI equipment. Students must verify completion of equipment competencies and the necessary ARRT general patient care procedures and clinical imaging procedures.

Prerequisite(s): RAD 180, RAD 185, RAD 190,
RAD 280

RAD 290 - Radiography Seminar/ Capstone

4 credit(s)

This course is the culmination of the radiography program. Students will investigate future advancement in the field of radiologic technology/diagnostic imaging and compose a research paper and corresponding oral presentation around their topic. Students will also undergo preparation for the American Registry of Radiologic Technologists (ARRT) certification exam in radiography.

Prerequisite(s): Departmental Permission

Respiratory Care

RSP 110 - Cardiopulmonary Anatomy & Physiology

3 credit(s)

An in-depth study of the anatomy and physiology of the pulmonary and cardiac system. Topics include: the circulatory system, applied physiology and physical principles of the respiratory system and gas exchange.

Prerequisite(s): BIO 212

RSP 112 - Principles of Respiratory Care

4 credit(s)

This course introduces students to basic principles of clinical respiratory care. Topics include: medical gas therapy, patient assessment, OSHA and infection control standards, oxygen therapy, aerosol therapy, humidification, bronchial hygiene therapy, hyperinflation therapy, ethics and professionalism, and medical documentation. This course includes a skills practice lab.

Prerequisite(s): BIO 212

RSP 120 - Applied Pharmacology

3 credit(s)

This course includes the study of the composition, dosage, modes of action, indications and contraindications for and effects of medication administered to patients treated in the field of respiratory care. Emphasis is placed on drugs prescribed for the cardiopulmonary, renal, and neurological system.

Prerequisite(s): RSP 110 and RSP 112

RSP 124 - Respiratory Diagnostics and Therapeutics

3 credit(s)

A study of diagnostic and therapeutic procedures used by a respiratory care practitioner. Topics include patient assessment, arterial blood gas and pulmonary function test analysis, chest x-ray interpretation, and advanced airway management.

Prerequisite(s): RSP 110 and RSP 112

RSP 133 - Principles of Mechanical Ventilation

4 credit(s)

A study of mechanical ventilators used in respiratory care with an in-depth explanation of function and clinical application. Indications, desired outcomes, hazards and complications of mechanical ventilation will be emphasized. This course includes a skills lab.

Prerequisite(s): RSP 120 and RSP 124

RSP 153 - Clinical I

1 credit(s)

Supervised clinical application of principles learned in the classroom. Students will be scheduled for clinical rotations at various healthcare facilities. Topics include: medical gas therapy, patient assessment, aerosolized medication delivery documentation and chart research.

Prerequisite(s): RSP 110 and RSP 112

RSP 154 - Clinical II

2 credit(s)

Supervised clinical application of principles learned in the classroom. Students will be scheduled for clinical rotations at various health care facilities. Topics include: bronchial hygiene therapy, noninvasive positive pressure ventilation, introduction to mechanical ventilation, and radiographic and laboratory assessment of the respiratory patient.

Prerequisite(s): RSP 120, RSP 124 and RSP 153

RSP 223 - Fundamentals of Critical Care

3 credit(s)

A study of current issues in critical care medicine, including the assessment and treatment of critically ill patients. Topics include: hemodynamic monitoring, EKG interpretation, capnography, and pharmacologic and mechanical support of circulation.

Prerequisite(s): RSP 133
Corequisite(s): RSP 231

RSP 231 - Cardiopulmonary Pathophysiology I

3 credit(s)

This course focuses on the etiology, pathophysiology, clinical manifestations, diagnosis, and treatment of cardiopulmonary abnormalities and diseases of the adult patient.

Prerequisite(s): RSP 133
Corequisite(s): RSP 223

RSP 234 - Respiratory Capstone

3 credit(s)

This course is designed to prepare the student to sit for the Certified Respiratory Therapist (CRT) and Registered Respiratory Therapist (RRT) exams administered by the National Board of Respiratory Care (NBRC). The course provides an in-depth review of the content areas and competencies assessed on the exams. Other topics covered include career counseling, transitioning from student to professional, and workshops in professionalism and patient-centered care.

Prerequisite(s): RSP 223 and RSP 231

RSP 253 - Clinical III

2 credit(s)

Supervised clinical application of the principles of mechanical ventilation and adult critical care.

Prerequisite(s): RSP 133 and RSP 154

RSP 254 - Clinical IV

3 credit(s)

Supervised clinical application of the principles of mechanical ventilation as well as critical care monitoring of adult, pediatric and neonatal patients. Students will be scheduled for clinical rotations at various healthcare facilities.

Prerequisite(s): RSP 153, RSP 223 and RSP 231

RSP 262 - Neonatal and Pediatric Respiratory Care

3 credit(s)

An in-depth study of respiratory care modalities used in the care of neonatal and pediatric patients. Topics include: diagnostic and therapeutic procedures, fetal cardiopulmonary development, airway and ventilator management and neonatal and pediatric critical care.

Prerequisite(s): RSP 223 and RSP 231

Science

SCI 100 - Investigating Science through Forensics

4 credit(s)

Through a hands-on survey of forensic science, this course illustrates the fundamentals of scientific inquiry and basic concepts in biology, chemistry, and physics. Through intensive interactive learning, students will cover topics such as the history of forensic science, hair and fiber analysis, fingerprint analysis, document analysis, serology, and DNA typing. Note: Designed for non-science majors, this course fulfills a lab science requirement. Although it will expose students to modern forensic techniques, this course is not intended to train professionals in forensic science.

SCI 124 - Humans and Disease

3 credit(s)

This course is designed to provide the student with a fundamental understanding of the concepts and processes in disease physiology. Students will review normal human physiology and then examine the alterations that occur in response to disease as well as systemic manifestations, etiologies and treatments of major diseases.

SCI 135 - Health, Wellness and Decision-Making

4.0 credit(s)

This course examines evidence-based approaches to wellness through informed life decision-making. Students will explore the multidimensional concept of wellness and its integration with physical fitness, nutritional science, psychological well-being, and stress management techniques. Emphasis will be placed on contemporary health challenges, including chronic disease prevention, healthy aging processes, and critical evaluation of health information. Students will develop personalized wellness strategies grounded in current research from health psychology, exercise science, and preventive medicine.

Sociology

SOC 101 - Introduction to Sociology

3 credit(s)

This course examines the theoretical perspectives, origins and history of sociology. Students will be challenged to do research and to think critically in examining cultural issues in American society and the world. Topics include: human socialization, macro- and micro-sociological perspectives of social structure, class, status, stereotypes, groups, norms, and deviance. It examines the impacts of technology, mass media, social inequality, gender, marriage, family, and social change.

SOC 201 - Multicultural Issues

3 credit(s)

This course focuses on heightening awareness and appreciation of diversity; considers political, religious, sexual and cultural identities; and explores lifestyle differences, problems of race, nationality, regions and language patterns. Students will examine myths concerning group differences and assumptions regarding ethnicity and culture of the economically deprived, senior citizens, and children. This course looks at political and social oppression of minorities and their status in the U.S. Students will be expected to participate in open discussions and engage in scholarly readings.

SOC 220 - Sociology of Gender

3 credit(s)

The sociology of gender introduces students to thinking about the world around them in a sociological way. Gender provides a starting point for examining how social inequalities are structured. Students will assess the complex interactions among gender and multiple social identities such as race, class, sexuality, disability, age, nationality, and religion. Emphasis will be placed on how our individual experiences are shaped by the institutions and cultures around us, and how we shape institutions and culture through our individual and collective actions.

Prerequisite(s): SOC 101

SOC 312 - Youth Challenges and Interventions

3 credit(s)

This course examines the range of crises confronting today's youth and strategies to help them overcome those challenges. Students will explore the impact of drug and alcohol abuse, sexual and physical abuse, bullying, neglect and abandonment, pregnancy, gangs, peer pressure, and other issues confronting youth. Particular focus will be on identifying issues, building effective relationships, implementing positive interventions, advocating for needed services, connecting with community resources, promoting positive behavior, and helping youth to develop self-

esteem and self-advocacy skills.

Crosslisted as: HSR 312

SOC 320 - Health and Social Issues in Aging

3 credit(s)

This course will explore health issue of the aging adult, including biological and environmental factors that may impede upon one's quality of life and investigates the socialization of the aging population in the 21st century. This course provides the student with an understanding of health issues, social interactions, relationships, and cognitive functions of the aging population.

SOC 335 - Social Policy in America

3 credit(s)

In this course, students examine the historical context for ideological philosophies centered around social policy in America and the viewpoints that currently dominate society. Emphasis is placed on analyzing federal, state, and local social policies that affect agencies, organizations, and individuals at all levels of society. Students assess the design and management of social service supports and programs (e.g., health, education, housing, safety, social justice) within a constantly changing political and social environment.

Prerequisite(s): HSR 101 and HSR 105
Crosslisted as: HSR 335

SOC 355 - Domestic Violence

3 credit(s)

This course provides a comprehensive introduction to the history of domestic violence, research related to issues of family violence, intake, interviewing and assessment skills, and theories of family violence. In the literature, the terms "family violence" and "domestic violence" are often used interchangeable. Students will gain knowledge of domestic violence as it relates to children, adolescents, partners, the elderly, and individuals with disabilities. This course will examine populations that include cross-cultural, ethnic, racial, rural, same-sex, and military groups. Students will explore strategies, interventions, and resources to meet the needs of individuals in a domestic violence situation. Finally, students will be required to research various topics related to family and domestic violence.

Crosslisted as: HSR 355

Spanish

SPAN 101 - Elementary Spanish I

3 credit(s)

This course introduces students to spoken and written Spanish. In addition to the material in the text, a substantial focus is on Hispanic culture, including literature, music and art. Students will be provided with a foundation in speaking and writing the Spanish language and understanding Hispanic culture. No previous knowledge of the Spanish language is required.

SPAN 103 - Spanish for Health Care Professionals

3 credit(s)

This course focuses on teaching Spanish to students entering or currently in the medical field. Students will learn the terminology, phrases and information relevant to the medical work environment. This course includes an intensive study and practice of communication skills required in "real world" medical work situations and provides the fundamentals of the Spanish language.

Statistics

STAT 167 - Principles of Statistics

3 credit(s)

This course introduces students to the basic concepts and processes of descriptive and inferential statistics. Topics include the collection, organization, and graphical representation of data, measures of central tendency and dispersion, probability, the normal distribution, sampling distributions, confidence intervals and hypothesis testing for population means, and linear regression and correlation.

Collegiate Success Studies (CSS) Courses

CSS courses are designed for students to complement existing coursework while offering targeted academic support aligned with a field of study. Whether students are looking to strengthen foundational knowledge, develop study strategies, or deepen their understanding of a discipline, CSS courses provide meaningful learning experiences without adding significant academic demands. While they do not count toward degree requirements, they are a valuable tool for students who want additional structure and support as they progress toward their goals. The available CSS courses are:

CSS 100 - Academic and Professional Success

Credit(s): 3

This course builds essential skills for college and career success, including time management, effective study strategies, note-taking, test preparation, and memory techniques. You will strengthen critical thinking and communication skills while reflecting on your goals and connecting your education to your professional aspirations. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 101 - Critical Thinking for Success

Credit(s): 3

This course covers the fundamental principles and practical applications of critical thinking. Topics include constructing and evaluating arguments, problem-solving strategies, logical fallacies, the role of perception and language in shaping understanding, and ethical reasoning. These skills will support your academic performance and professional decision-making. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 102 - College Writing for Success

Credit(s): 3

This course develops your college writing skills through analysis of experiences, texts, images, and social phenomena. You will practice brainstorming strategies, argument construction, source integration, and crafting a distinctive voice appropriate to your purpose and audience. These writing and thinking skills are essential for success across academic disciplines and professional contexts that require clear communication. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 103 - Professional Communication

Credit(s): 3

This course develops essential communication skills for today's digital workplace. You will learn to craft professional messages across multiple formats, including emails, memos, reports, and presentations. Topics include workplace etiquette, teamwork dynamics, and professional correspondence, preparing you for clear, persuasive communication in academic and business contexts. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 104 - Digital Literacy

Credit(s): 3

This course covers the fundamentals of digital literacy that you need to be successful in your collegiate studies. Topics include operating system navigation, file management, basics of Microsoft Office tools, introductory cybersecurity strategies, and Canvas Learning Management

System (LMS) navigation. These skills will support students' academic performance and elevate their digital fluidity. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 105 - Introduction to AI

Credit(s): 3

This course equips you with comprehensive AI (Artificial Intelligence) literacy skills needed for academic success, responsible citizenship, and professional readiness. Through an exploration of artificial intelligence concepts, tools, ethics, and applications, you gain the knowledge and competencies required to navigate an AI-driven world. You will examine the evolution of AI, the mechanics behind modern systems, algorithmic bias, digital ethics, the future of work, and discipline-specific applications. Activities integrate hands-on practice with popular AI tools. The course emphasizes equity, transparency, integrity, and critical evaluation ensuring that you not only use AI but also understand its limitations and implications for humanity. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 106 - Smart Money Journey

Credit(s): 3

This course equips you with the knowledge, skills, and confidence to build a healthy, sustainable financial life-during college and beyond. By blending practical tools with foundational financial planning principles, you will develop a balanced, informed approach to personal finance. You will examine your financial planning process and build strategies to manage income, spending, and credit. You will also learn to strengthen your long-term financial security through savings, insurance, retirement, and estate planning. By the end of the course, you will be prepared to make informed financial decisions with clarity, resilience, and purpose. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 110 - Foundations of Chemistry

Credit(s): 3

This course introduces the foundational concepts of chemistry needed for success in Chemistry 101. The course emphasizes conceptual understanding and scientific vocabulary, building the background knowledge and confidence students need to engage with college-level chemistry. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track. This course does not satisfy the Chemistry 101 requirement.

CSS 125 - Dosage Math in Health Care

Credit(s): 3

This course introduces you to the mathematical concepts and dosage calculation skills essential for accurate medication administration. You will review foundational math skills, including operations with decimals and fractions, measurement conversions, drug label interpretation, and multiple dosage methods for careers in nursing and health care. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track. This course does not satisfy the Math 125 requirement

CSS 200 - Introduction to Health Care

Credit(s): 3

This course provides foundational knowledge of the healthcare system, including healthcare roles, professional standards, medical terminology, ethical principles, patient safety, and communication strategies used in healthcare environments. You will also explore human body systems, care across the lifespan, and the role of technology in modern healthcare delivery. This knowledge prepares you for success in health-related fields and informed participation in the healthcare system. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 201 - Communication for Health Care

Credit(s): 3

This course covers the principles and practical skills of therapeutic communication in healthcare settings. Topics include communication strategies for working with diverse clients across the lifespan, cultural influences on communication, self-awareness, and empathy. These competencies are essential for compassionate, client-centered care and will serve you throughout your healthcare career. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 202 - Professionalism in Health Care

Credit(s): 3

This course builds the professional and personal skills needed to succeed in health care. Topics include goal setting, time and stress management, critical thinking, communication, ethical decision-making, teamwork, and professional image development. These skills prepare you for the real-world demands of academic and clinical settings in your healthcare career. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 203 - Nutrition for Health and Wellness

Credit(s): 3

This course introduces the fundamental principles of nutrition science and their application to health promotion and disease prevention across the lifespan. Topics include the role of nutrients in the body, dietary pattern evaluation, weight management, physical performance, and evidence-based nutrition decision-making. This knowledge supports health-related careers, personal wellness, and the ability to help others make informed dietary choices. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 204 - Human Behavior for Health Care

Credit(s): 3

This course introduces the principles of human behavior and their application in healthcare settings. Topics include individual worth, self-awareness, cultural competence, and the effects of stress, trauma, illness, grief, and loss on patient behavior. You will develop communication skills, emotional intelligence, and professional adjustment techniques essential for success as a healthcare professional. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 206 - Foundations of Phlebotomy

Credit(s): 3

This course introduces the essential principles of phlebotomy and their application in clinical laboratory and healthcare settings. Topics include the phlebotomist's role on the healthcare team, infection control and safety guidelines, anatomy and physiology of the circulatory system, venipuncture and capillary collection techniques, specimen handling, customer service, and legal and ethical compliance. You will develop the patient-care, professional, and technical knowledge essential for success as an entry-level phlebotomist. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 207 - Introduction to Electrocardiography

Credit(s): 3

This course introduces the fundamental principles and practical applications of electrocardiography. Topics include cardiac anatomy and electrophysiology, cardiovascular medications, patient assessment, ECG setup and lead placement, waveform interpretation, recognition of basic arrhythmias, and response to ECG-related emergencies. This knowledge supports careers in allied health and prepares you to recognize and document ECG findings in clinical settings. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 208 - Fundamentals of Nursing Assisting

Number of Credit(s): 3

This course introduces the foundational knowledge and professional responsibilities of the nursing assistant. Topics include community health care, the nursing assistant's role, consumer rights, ethical and legal issues, medical terminology, body organization, disease classification, communication, observation and documentation, basic human needs, cultural sensitivity, infection control, and environmental safety. This knowledge will prepare you for further study in the healthcare field and support your professional readiness in patient care settings. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track.

CSS 211 - Fundamentals of Anatomy and Physiology I

Credit(s): 3

This course introduces the foundational concepts of anatomy and physiology needed for Anatomy and Physiology I. Topics include anatomical terminology, the chemistry of life, cell structure and reproduction, body tissues, and the integumentary, skeletal, articular, muscular, and nervous systems. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track. This course does not satisfy the Anatomy and Physiology I requirement.

CSS 212 - Fundamentals of Anatomy and Physiology II

Credit(s): 3

Building on Fundamentals of Anatomy and Physiology I, this course examines the structure and function of the body's regulatory and organ systems, preparing students with the foundational concepts of anatomy and physiology required for success in Anatomy and Physiology II. Delivered asynchronously, this course gives you the flexibility to engage with materials on your own schedule each week, with weekly checkpoints to keep your learning on track. This course does not satisfy the Anatomy and Physiology II requirement.

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