



CNC Machining Programs

Secure a rewarding and in-demand career.





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Become a CNC Machinist.

When you pursue an education in CNC Machining, you'll develop the hands-on skills needed to jumpstart an exciting career in a number of growing industries, including **aerospace manufacturing, metalworking, and submarine production**. You'll learn the ins and outs of core machining concepts and get prepared for a rewarding career with high salary potential.

At Goodwin University, **we offer a variety of degree and certificate programs** to set you up for success in the world of CNC Machining. Whether you're looking to get on the fast track to your new career or you want to pursue further training and credentials in the field, we have a program that fits your needs!

Jump into the growing world of manufacturing with an education in CNC Machining.



Master core manufacturing concepts and prepare to adapt in a changing field.

As the field of manufacturing evolves, industry leaders are looking for qualified professionals who are willing to rise to the challenge and adapt to new technologies. When you study CNC Machining at Goodwin University, you'll gain an in-depth understanding of machining, technical specifications, and manufacturing principles. By participating in hands-on coursework in our manufacturing facilities, you'll learn how to apply these concepts in your day-to-day work experience and stay at the forefront of industry developments.

Gain hands-on experience in our on-campus manufacturing facilities.

When you earn your education in CNC Machining at Goodwin, you'll have access to our state-of-the-art manufacturing facilities, where you'll practice advanced manufacturing skills under the supervision of experienced faculty members. Our career-focused programs are designed to help you apply technical knowledge to real-world manufacturing processes, which will give you the knowledge and confidence you need for success.



Expand your career potential.

When you become a CNC machinist, you'll open yourself up to a whole world of professional opportunities. Graduates of Goodwin University's CNC Machining programs have gone on to pursue careers in the following settings:

- Aerospace manufacturing
- CNC machine programming
- CNC machine set-up
- CNC machinist (lathe and mill)
- CNC operator (lathe and mill)
- Manual machine operator
- Machine shops
- Mechanical engineering
- Metalwork machinery manufacturing
- Motor vehicle manufacturing
- And more!

Earn your education in one of three ways.

At Goodwin University, we offer three different CNC Machining programs that can set you up for success in your future. While all three programs will give you an in-depth understanding of core manufacturing concepts, you'll have the ability to choose the class format and degree type that aligns most with your goals.

Certificate in CNC Machining, Metrology, and Manufacturing Technology

Interested in learning about a wider variety of manufacturing concepts in a short amount of time? The certificate in CNC Machining, Metrology, and Manufacturing Technology program allows you to:

- **Complete the program in as few as five months full-time.**
- Gain important hands-on experience in a manufacturing setting.
- Learn the basics of general manufacturing concepts.

Certificate in Basic CNC Production

Our Basic CNC Production certificate program allows you to **earn manufacturing credentials in as few as 18 credits!** This is the perfect choice if you're looking to start working fast while still gaining the comprehensive skills needed to stand out in your job search.

Associate degree in CNC Machining

When you earn your associate degree in CNC Machining, you can:

- Take a deep dive into more advanced manufacturing concepts.
- Learn about manufacturing materials, mathematics, and specifications.
- Gain experience in technical drawing, computer-aided machining, and more.
- Learn how to adapt as the field of manufacturing grows.

Curriculum

Take a closer look at each program's curriculum below:

[Certificate in CNC Machining, Metrology, and Manufacturing Technology](#)

[Certificate in Basic CNC Production](#)

[Associate degree in CNC Machining](#)

Course formats

You deserve a college that offers classes on your schedule. At Goodwin, you'll find class times that fit into your schedule and cater to your needs.

In our associate degree and Basic CNC Production programs:

- Classes are offered days and evenings.
- Classes are offered in on-campus and hybrid formats.
- Select Saturday classes are available.

In our Certificate in CNC Machining, Metrology, and Manufacturing Technology program

Full-Time Day Program

- Complete your certificate in as few as five months.
- Classes are offered Monday through Friday.

Part-Time Evening Program

- More flexible
- Earn your certificate in as few as four semesters.
- Classes are held Monday through Wednesday from 6–9 p.m.

Testimonials



“I graduated in 2020 with a certificate in CNC Manufacturing. Since earning my certificate, I’ve been able to secure job opportunities that have helped me to be able to support a family of four. I currently work for Enjet Aero, making engine parts for commercial and military aircraft. I love my career, and it was all possible because of the Goodwin faculty and the information and confidence they instilled in me.”

Ronald Rivas, Graduate



“One of the best parts about the program was the internship opportunities Goodwin offered. In the first week, we already had companies coming in to offer internships. I started training at an aerospace manufacturer while still attending college, and it all worked in harmony. Goodwin has great relationships with the Connecticut manufacturing industry, and those opportunities give students a launchpad for success.”

Priyansha “Pri” Nayak, Graduate



“It was the only program that provided an unbelievable timeline. Nowhere else could I earn a certificate in only 6 months and come out with a career.”

Kiley Russell, Graduate



“I’ve grown as a person here. Goodwin truly is the best college to attend for CNC classes.”

Paul Vella, Graduate

Student resources and support

At Goodwin University, we are invested in the continued success of our students. We believe that you deserve great support services and resources to help you achieve your goals!

Academic Resources

- Academic Advising
 - Admissions
 - Financial Aid
 - Registrar's Office
-

Academic Support

- Academic Success Center
- Library
- Math Lab
- Tutoring

College Experience

- Clubs and Organizations
 - Student Engagement
-

Personal Support Services

- AccessAbility Services
 - Ann B. Clark Co-op
 - Counseling
-

Professional Development

- Lifetime Career Services

Financial Aid information

Paying for college doesn't have to be stressful — we make it easy to understand the costs of your education before classes even begin.

We are committed to helping you earn your degree at a cost that is affordable to you. At Goodwin, there are a variety of financial aid opportunities available to you, including scholarships, grants, student loans that need to be repaid, and work-study opportunities that provide a regular paycheck.

Check out our [financial aid page](#) to find out how Goodwin University can help you pay for your education.





Contact us today!

Call: 800-889-3282

Text: 860-467-1511

www.goodwin.edu/cnc

Goodwin University is a nonprofit institution of higher education and is accredited by the New England Commission of Higher Education (NECHE), formerly known as the New England Association of Schools and Colleges (NEASC).

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