



Associate Degree in Quality Management Systems

Start your future today!

An associate degree in Quality Management Systems will get you on the fast track to supervising and assuring quality processes and lean manufacturing processes. Today, manufacturing is cleaner, safer, and more efficient than ever.

Stand out from the crowd with our associate degree in Quality Management Systems. We know it may not be enough anymore just to be able to run a machine and be seen as a valuable worker. That's why our career-focused program prepares students for today's manufacturing jobs.

With an associate degree in Quality Management Systems, you will gain the skills and knowledge necessary that include an understanding of manufacturing principles, quality inspection techniques, interpreting engineering drawings, problem solving, measurement and test, calibration, lean manufacturing, statistical process control, teamwork, and supplier quality assurance.

You will earn 61 college credits and have the opportunity to earn a nationally-recognized credential from the Manufacturing Skill Standards Council (MSSC) as a Certified Production Technician (CPT).

Associate Degree in Quality Management Systems

General education core requirements: 21-22 credits

| | | |
|----------|-----------------------------------|-----|
| ENG 101 | English Composition | 3 |
| ENG 1XX | English Elective | 3 |
| MATH 1XX | Math (MATH 130 or higher) | 3 |
| | Science (BIO, CHEM, SCI) | 3-4 |
| | Social Science (PSY or SOC) | 3 |
| | Humanities (HIS, PHIL, SPAN, HUM) | 3 |
| | General Education Elective | 3 |

Non-major core requirements: 12 credits

| | | |
|----------|---|---|
| CAP 115 | Learning and Working Through Digital Technologies | 3 |
| ACC 110 | Applied Accounting | 3 |
| OS 210 | Organizational Communications | 3 |
| STAT 167 | Principles of Statistics | 3 |

Major core requirements: 28 credits

Freshman Year

| | | |
|---------|--|---|
| BMM 101 | Key Principles of Manufacturing | 3 |
| BMM 110 | Technology in Advanced Manufacturing | 3 |
| BMM 210 | Lean Manufacturing Principles | 3 |
| BMM 220 | Materials and Processes in Manufacturing | 3 |

Sophomore Year

| | | |
|---------|---|---|
| BMM 222 | Technical Drawings and Specifications | 3 |
| BMM 224 | Metrology and Calibration | 3 |
| BMM 226 | Principles of Quality Management | 3 |
| BMM 228 | Quality Management and Supplier Integration | 3 |
| BMM 229 | Advanced Metrology and Calibration | 4 |

Total credits: 61-62

Quality management program curriculum highlights:

Our quality management training program will prepare you for a rewarding and in-demand career by building your skills in quality inspection, interpreting engineering blueprints, problem solving, measurement and testing, calibration, statistical process control, and supplier quality control.

Prepare for great career opportunities

Upon completion of your quality management training, you may find success in the following careers/professions:

- Calibration technician
- Manufacturing quality inspector
- Quality consultant
- Quality customer service representative
- Receiving inspector

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).