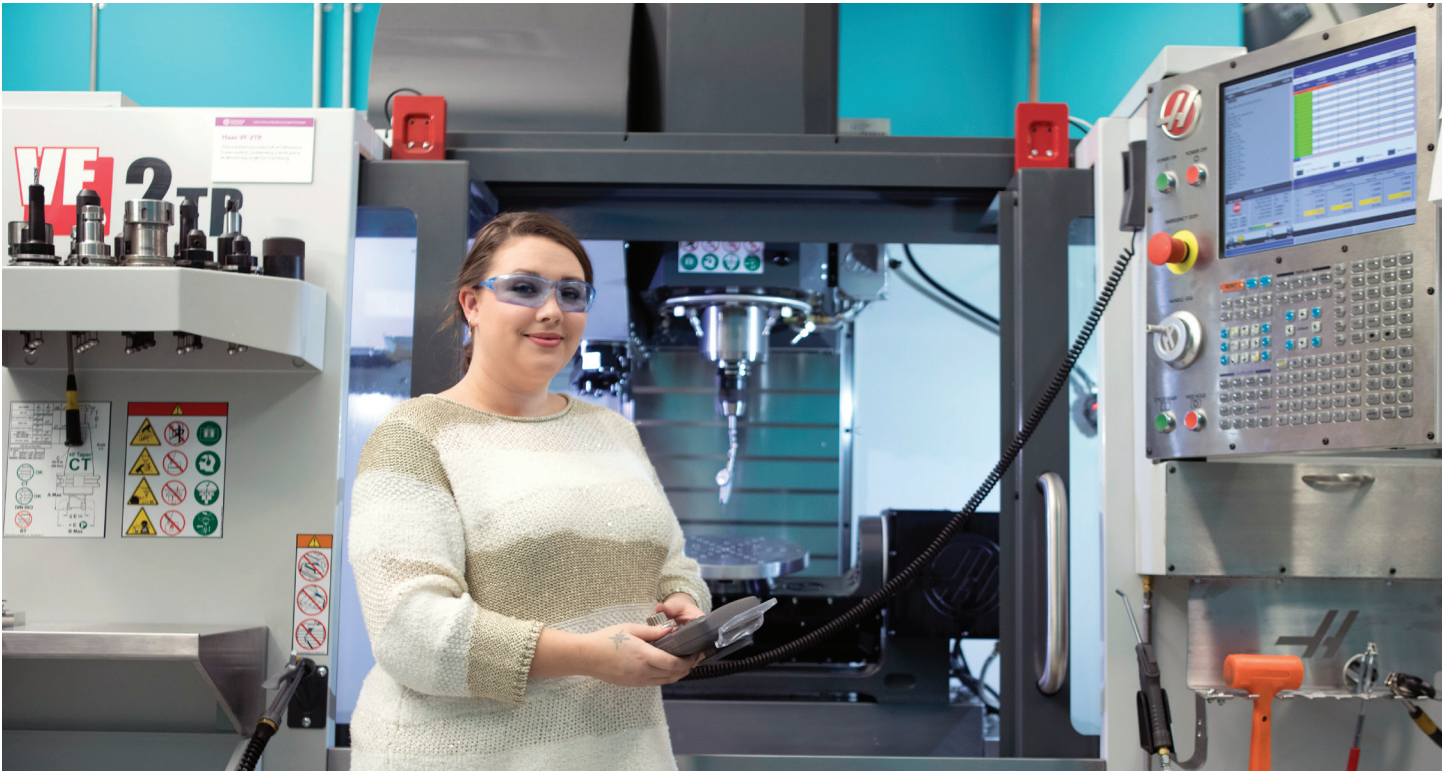


CERTIFICATE IN CNC MACHINING, METROLOGY, AND MANUFACTURING TECHNOLOGY



Kiley Russell, student

YOUR FAST TRACK TO IMMEDIATE JOB OPPORTUNITIES IN MANUFACTURING

Companies across the state are in immediate need of well-trained industry professionals to join their workforce. If you are a dedicated worker willing to rise to the challenge, our 37-credit accelerated certificate program in CNC Machining, Metrology, and Manufacturing Technology is the right program for you.

We know you're eager to get out there and start working. That's why we've joined forces with Connecticut manufacturers to make our program **shorter in length** — and **less expensive** — than other schools, to get you working in the field in no time. Take classes **full-time for just 22½ weeks** and gain the career-focused training to **land an in-demand job in the industry**.

Classes are held Monday through Friday and combine classroom instruction, hands-on training in our state-of-the-art facility, and in-field training. Thanks to our partnerships with local manufacturers, you may be eligible for **internship, scholarship, and job placement opportunities as well**.

This program is open enrollment and there are no wait lists.

CURRICULUM

Students interested in the CNC Machining, Metrology, and Manufacturing Technology must take the ACCUPLACER® Placement Test and place into ENG 089 or higher and MATH 097.

| Requirements - 37 credits | | |
|---------------------------|--|---|
| BMM 100 | Introduction to Manufacturing | 3 |
| BMM 140 | Principles in Manufacturing Mathematics | 3 |
| BMM 175 | CNC Machining | 3 |
| BMM 210 | Lean Manufacturing Principles | 3 |
| BMM 220 | Materials and Processes in Manufacturing | 3 |
| BMM 222 | Technical Drawings and Specifications | 3 |
| BMM 224 | Metrology and Calibration | 3 |
| BMM 229 | Advanced Metrology and Calibration (Lab) | 4 |
| BMM 240 | Computer Aided Manufacturing (CAM) I | 3 |
| BMM 241 | Computer Aided Manufacturing (CAM) II | 3 |
| BMM 275 | CNC Machining II | 3 |
| BMM 276 | CNC Machining Applications | 3 |

Total Credits: 37

PROGRAM OUTCOMES

Individuals who successfully complete this certificate program will gain a holistic understanding of machining a part from design to quality assurance, and develop competencies in theoretical and practical measurements that will make them an effective member of any manufacturing team.

Successful completion of this program also prepares participants to pursue a National Institute for Metalworking Skills (NIMS) credential as a CNC Operator.

PROGRAM SCHEDULE (INCLUDES 30-MINUTE LUNCH)

Monday - Thursday: 8 a.m. - 4:30 p.m.

Friday: 8 a.m. - 2:30 p.m.

TO REQUEST MORE INFORMATION, CONTACT:

Admissions
(800) 889-3282
www.goodwin.edu/contactus