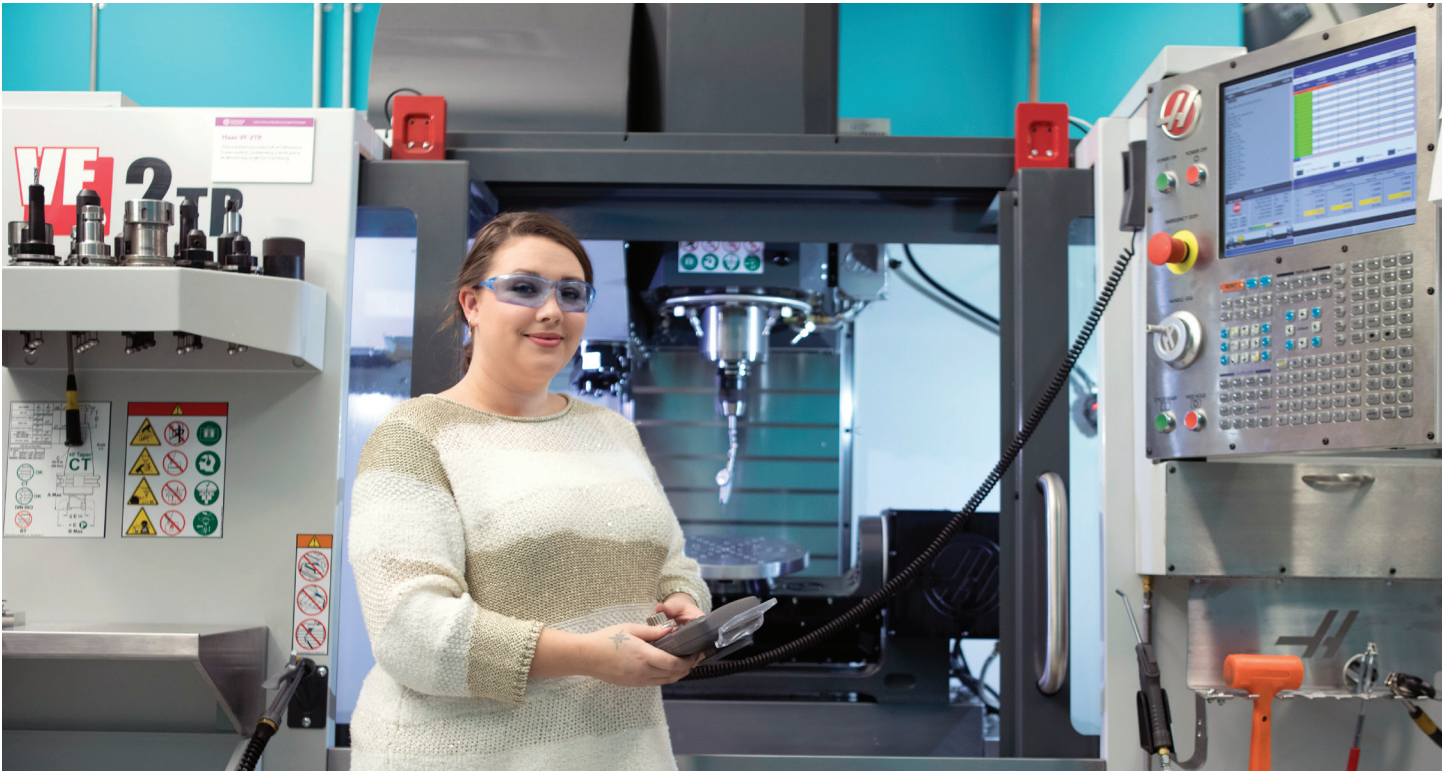


# CERTIFICATE IN CNC MACHINING, METROLOGY, AND MANUFACTURING TECHNOLOGY



Kiley Russell, CNC graduate

## 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](http://www.goodwin.edu/contactus)