

30-CREDIT CERTIFICATE IN CNC MACHINING



Jason Topor, CNC graduate

TRAIN TO BECOME A CNC MACHINIST

With thousands of unfilled manufacturing jobs in Connecticut, a certificate in CNC Machining will allow you to pave the path to your future.

We teach you the basic skills industry employers are seeking: problem solving, safety, quality, production processes, machining maintenance, and teamwork. You also develop technical drawing, specification, and mathematical skills, while you learn about material properties and material processing in manufacturing. Combining classroom instruction and hands-on operation of our CNC 3-axis milling and turning machines, you gain the knowledge and machining experience that is required to be successful in the field.

In this program, you will also gain an in-depth understanding of advanced Mastercam skills needed for programming tool location, motion, and feeds and speeds. Successful completion of this program prepares participants to pursue a National Institute for Metalworking Skills (NIMS) credential as a CNC Operator. Credits earned in this program will be applied toward an associate degree in CNC Machining.

CURRICULUM

Curriculum will include the following courses

First Semester

BMM 101	Key Principles of Manufacturing	3
BMM 140	Principles in Manufacturing Mathematics	3
BMM 175	CNC Machining	3
BMM 220	Materials and Processes in Manufacturing	3

Second Semester

BMM 110	Technology in Advanced Manufacturing	3
BMM 222	Technical Drawings and Specifications	3
BMM 240	CAM I	3
BMM 275	CNC Machining II	3

Third Semester

BMM 241	CAM II	3
BMM 276	CNC Machining Applications	3

Total Credits: 30

To view course descriptions visit:
www.goodwin.edu/academics/course-descriptions

TO REQUEST MORE INFORMATION, CONTACT:

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

Leonard Walsh, Ph.D.
Program Director, CNC Machining