



Certificate in CNC Machining, Metrology, and Manufacturing Technology

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.

Choose the schedule that's right for you

Full-time day program

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 full-time day program shorter in length — and less expensive — than other schools, to get you working in the field in no time. Take classes full-time in as few as five months and gain the career-focused training to land an in-demand job in the industry. Classes are held Monday through Friday 8 a.m.-3 p.m.

Part-time evening program

Need a program option that's a bit more flexible? No worries. For your convenience, we offer an evening program that can be completed in just four semesters. Classes are held Monday through Wednesday from 6-9 p.m.

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Full-time day program curriculum		
Mod 1		
BMM 100	Introduction to Manufacturing	3
BMM 140	Principles in Manufacturing Mathematics	3
BMM 175	CNC Machining	3
BMM 222	Technical Drawings and Specifications	3
BMM 224	Metrology and Calibration	3
Mod 2		
BMM 210	Lean Manufacturing Principles	3
BMM 220	Materials and Processes in Manufacturing	3
BMM 240	CAM I	3
BMM 275	CNC Machining II	3
Mod 3		
BMM 229	Advanced Metrology and Calibration	4
BMM 241	CAM II	3
BMM 276	CNC Machining Applications	3

Total credits: 37

Part-time evening program curriculum		
Semester 1		
BMM 100	Introduction to Manufacturing	3
BMM 140	Principles in Manufacturing Mathematics	3
BMM 222	Technical Drawings and Specifications	3
Semester 2		
BMM 175	CNC Machining	3
BMM 224	Metrology and Calibration	3
BMM 240	CAM I	3
Semester 3		
BMM 210	Lean Manufacturing Principles	3
BMM 241	CAM II	3
BMM 275	CNC Machining II	3
Semester 4		
BMM 220	Materials and Processes in Manufacturing	3
BMM 229	Advanced Metrology and Calibration	4
BMM 276	CNC Machining Applications	3

Total credits: 37

Goodwin University is a nonprofit institution of higher education and is accredited by the New England Commission of Higher Education (NECHE).

