



# Certificate in CNC Machining, Metrology, and Manufacturing Technology

## 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. Take classes full-time for just 22½ weeks and gain the career-focused training to land an in-demand job in the industry.

## Program Schedule

Monday - Friday: 8 a.m. - 3 p.m.

(includes 60-minute lunch)

## Earn while you learn.

Employer-provided registered pre-apprenticeships and financial debt relief may be available to graduates hired from the program. During the first seven weeks of the program, representatives from our partner organizations will visit the University and interview students. One or more students may be invited to apply and interview for a paid registered pre-apprenticeship during their course of study. Pre-apprentices who are selected will be considered for full-time employment upon completion of their certificate.

### Graduation Requirements

#### Semester 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

#### Semester 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

#### Semester 3

BMM 229	Advanced Metrology and Calibration	4
BMM 241	CAM II	3
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), formerly known as the New England Association of Schools and Colleges (NEASC).

