



Certificate in Basic CNC Production

Enrollment into this certificate is by departmental permission only.

In this 18-credit certificate in Basic CNC Production you will learn the basic skills manufacturing employers are seeking: problem solving, safety, quality, production processes, maintenance awareness, and teamwork.

You will develop technical drawing, specification, and mathematical skills while learning about material properties and material processing.

Classroom instruction is combined with hands-on operation of our new CNC 3-axis milling and turning machines. You will gain knowledge and machining experience required to be successful in the field.

Graduation requirements

Semester 1

BMM 101*	Key Principles of Manufacturing	3
BMM 140	Principles in Manufacturing Mathematics	3
BMM 175	CNC Machining	3

Semester 2

BMM 110*	Technology in Advanced Manufacturing	3
BMM 222	Technical Drawings and Specifications	3
BMM 240	CAM I	3

Total credits: 18

*These courses provide the opportunity for the student to take two national, portable credentialing exams with the Manufacturing Skill Standards Council.

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).