

Declaration Form
Undergraduate Certificate in Manufacturing Engineering

College of Engineering University
of Wisconsin-Madison

Students:

Please fill out the following form. If you have any questions, or you are ready to have it reviewed and signed, please contact one of the certificate advisors listed here: [List of Advisors](#)

Please complete your course plan (next page). Attach (1) your current unofficial transcript (download from MyUW Student Center); and (2) a screenshot of the [EMU page](#) that shows your name and confirmation of "Intro to Machining with additional CNC 1 training complete" from College of Engineering [TEAM Lab](#).

Student Information:

I am a degree-seeking undergraduate student at the University of Wisconsin-Madison. I have met with a certificate advisor to develop a list of courses that I will take to meet the requirements of the Certificate. The Certificate course plan and unofficial transcript are attached. I understand I must receive a B average or higher for all the courses counting toward the Certificate. I must also receive a grade of BC or higher in each course, for it to count toward the Certificate. I affirm that I meet all the following requirements to declare the Certificate in Manufacturing Engineering:

- ☐ Undergraduate standing at the University of Wisconsin-Madison (UW-Madison)
- ☐ Cumulative GPA (at UW-Madison) greater than or equal to 3.0 (attach your unofficial transcript)
- ☐ Intro to Machining with additional CNC 1 training complete (attached [TEAM Lab](#) EMU screenshot)

Name: _____ Campus ID (10 Digits): _____

Current Major: _____ Graduation Date (MM/YY): _____

Cumulative GPA: _____ (attach your grade report)

Student Signature: _____ Date: _____

Certificate Advisor:

I have met with the above student and have approved this application for the Undergraduate Certificate in Manufacturing Engineering.

Advisor Name: _____ (please print)

Advisor Signature: _____ Date: _____

Send completed form to engrugdeanadmin@engr.wisc.edu.

Course Plan for the Certificate in Manufacturing Engineering

College of Engineering University
of Wisconsin-Madison

The Undergraduate Certificate in Manufacturing Engineering is for undergraduate students at the University of Wisconsin-Madison and will require a total of 18 completed credits. Nine credits (3 courses) must be from the list of core courses: ME 310, ME 311, ME 313, ME 314, ISyE 315, ISyE 415, and MS&E 332. The additional nine credits (3 courses) must be selected from a list of approved elective courses, with at least one course from each of the two subject areas:

- Mechanical Engineering + Materials Engineering
- Industrial & Systems Engineering.

A grade of BC or better must be achieved in a course for it to count towards this certificate. A cumulative average of B (3.0) or better must be received in the 18 credits of planned courses. Please see the following website for a list of approved courses:

[List of approved courses](#)

Notes:

1. "Double dipping" is not allowed. If ME 311 or ME 314 and/or ISyE 415 are taken as part of the core course Requirement, then they cannot also count as an elective course.
2. At least 50% of the courses (i.e., 3 courses) for this certificate must be earned in residence on the UW- Madison campus.

Certificate Courses

Category	Course Dept./Number	Credits / Grade	Semester / Year
Core Courses (9 credits)	Select Course	3 cr. / Select Grade	Select Sem. /
	Select Course	3 cr. / Select Grade	Select Sem. /
	Select Course	3 cr. / Select Grade	Select Sem. /
Elective Courses (9 credits)			
Mechanical and Materials (at least 3 credits)	Select Course	3 cr. / Select Grade	Select Sem. /
	Select Course	3 cr. / Select Grade	Select Sem. /
Industrial & Systems (at least 3 credits)	Select Course	3 cr. / Select Grade	Select Sem. /
	Select Course	3 cr. / Select Grade	Select Sem. /
Total Credits (18 required)			