

# MANUFACTURING ENGINEERING, CERTIFICATE

## HOW TO GET IN

### HOW TO GET IN ENROLLMENT

This undergraduate certificate is open to all undergraduate students at the University of Wisconsin–Madison. Mechanical Engineering and Industrial & Systems Engineering students can complete this certificate without adding time to degree.

### DECLARATION

Declaring the undergraduate Certificate in Manufacturing Engineering requires:

- Undergraduate standing at UW–Madison
- Cumulative GPA (at UW–Madison) greater than or equal to 3.0
- Intro to Machining with additional CNC 1 training complete (College of Engineering D (<https://di.engr.wisc.edu/training/>) Design Innovation Lab (<https://making.engr.wisc.edu/>) at ECB)
- Completion of the declaration form
- Meeting with a faculty advisor

Students must complete a declaration form (<https://go.wisc.edu/ame0j3/>), obtain the required signatures, and bring the form to one of the academic advisors for the Department of Mechanical Engineering located in 1410 Engineering Drive, Suite 170. The form will be used to ensure that students have completed the Intro to Machining with additional CNC 1 training complete in the College of Engineering Design Innovation Lab at ECB, meet the GPA requirement for declaration, meet the course grade requirement for courses already completed, and list courses that are planned in order to satisfy the certificate program. The form will contain fields for the following information:

- Study plan (courses that have been taken, are being taken, and plan to take)
  - Core courses
  - Elective courses
  - Grades for any courses that have already been taken
  - When future courses will be taken
- Cumulative GPA at time of declaration
- Expected graduation date
- Major
- Signature from a key program faculty member indicating that the student meets the declaration requirements and has discussed the study plan with the faculty member

### COMPLETION

In order to successfully complete the undergraduate certificate in manufacturing engineering, students must:

- Have declared the certificate
- Maintain a cumulative GPA of 3.0 or greater for the courses taken for the certificate. If a course is repeated, the average of the grades received in the course will be used in calculating the cumulative GPA.
- Have received a grade of BC or higher in all courses taken for the certificate. If a course is repeated, the highest grade received in the course is used for this criteria.