

Maker Certificate

Maker Certificate Requirements

12 credits

Code	Title	Hours
MECH 1000 & MECH 1005	Introduction to Design & Rapid Prototyping and Introduction to Design & Rapid Prototyping Lab ¹	3
MECH 1100	Manufacturing Processes ¹	3
MECH 1150	Prototyping Techniques ¹	2
MECH 1200 & MECH 1205 or CS 1400 & MECH 1205	Coding and Coding Lab ¹ Fundamentals of Programming and Coding Lab	4

1. COURSE FEE REQUIRED. See course fee tab for details.

Completion Requirement

1. Grade C- or higher in each Maker Certificate Requirement course.

Maker Certificate Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Model, evaluate and prototype physical systems, components or processes.
2. Design solutions that use the engineering design process to meet specified customer needs.
3. Analyze engineering problems by applying principles of engineering, science, and mathematics.