ENGN 0260 Mechanical Technology
Basic machine shop course that, with the help of an instructor, teaches students how to fabricate a few simple objects using hand tools and basic machines. This course is designed to introduce the student to the machining process and environment.

Mechanical Technology II
MTII is a more extensive machine shop course designed to teach machine shop practices, the use of hand tools, and safety in the shop. Students learn how to setup and operate milling machines, lathes, bandsaws, grinders, and sheet metal equipment. They fabricate projects of varying degrees of difficulty. Upon successful completion of this course, students are given permission to use the JEPIS student shop to develop ideas or a manufacturing process for projects or experiments related to studies.