

MACH 1040 : Precision Machining I

Use of hand tools to produce layouts and objects. Theory and practice of grinding tool bits, turning, facing, taper turning, boring and thread cutting on lathe and drill sharpening. Operation and setup of lathes, grinders, mills, drill presses. Identification, demonstration and application of machine shop safety equipment and procedures. Second semester focuses on more advanced theory and projects. Lecture/laboratory. Prerequisite: Eligible to enroll in college-level math. Lab fee.

Credits 0.0-5

Semester Offered

Fall