

MACHINE TECHNOLOGY (MAC)

MAC 156. Mechanisms I. (3 Credits)

Teaches techniques for disassembly, inspection, alignment and reassembly of industrial machinery. Includes hands on activities involving alignment of motor and pump shaft; tension of multi-belt sheaves; and the setting of end play and backlash in a gear box. Includes instruction on bearings involving the proper assembly and disassembly. Lecture 2 hours per week. Laboratory 3 hours per week. Total 5 hours per week.

MAC 157. Mechanisms II. (3 Credits)

Teaches techniques for disassembly, inspection, alignment and reassembly of industrial machinery. Includes hands on activities involving alignment of motor and pump shaft; tension of multi-belt sheaves; and the setting of end play and backlash in a gear box. Includes instruction on bearings involving the proper assembly and disassembly. Lecture 2 hours per week. Laboratory 3 hours per week. Total 5 hours per week. Prerequisite: MAC 156.