

MECH 493. MACHINE ELEMENT DESIGN

Credits: 4

Offered by: Mechanical Engineering (Faculty of Engineering)

This course is not offered this catalogue year.

Description

Design of machine elements for specific requirements in consideration of various methods of manufacture. The selection and sizing of mechanical systems to fulfill performance requirements following the engineering design process. Analysis methods to address static and fatigue failure prevention. Application and integration of the design methodologies in industrial design project.

- Prerequisites: MECH 415, MIME 260, MECH 292
- Corequisites: MECH 360, MECH 390
- Restrictions: Not open to students who have taken or are taking MECH 393.

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