

MECH 393. DESIGN 2: MACHINE ELEMENT DESIGN.

Credits: 3

Offered by: Mechanical Engineering (Faculty of Engineering)

Terms offered: Fall 2025, Winter 2026

View offerings for Fall 2025 or Winter 2026 in Visual Schedule Builder.

Description

The design of machine elements for strength requirements in consideration of various methods of manufacture. Synthesis of mechanical systems to fulfill performance requirements, following the engineering design process. Static and fatigue failure prevention. Students form groups to work on a design project.

- Prerequisite change awaiting University approval
- (3-1-5)
- Prerequisites: (MECH 289 or MECH 290) and CIVE 207. Pre-/co-requisites: MECH 360 and MECH 292 and MECH 314 and MIME 260.

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