

# CIVE 207. SOLID MECHANICS.

---

Credits: 4

Offered by: Civil Engineering (Faculty of Engineering)

Terms offered: Fall 2025, Winter 2026

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

## Description

Stress-strain relationships; elastic and inelastic behaviour; performance criteria. Elementary and compound stress states, Mohr's circle. Shear strains, torsion. Bending and shear stresses in flexural members. Deflections of beams. Statically indeterminate systems under flexural and axial loads. Columns. Dynamic loading.

- (4-2-6)
- Prerequisites: CIVE 205 (a D grade is acceptable for prerequisite purposes) or MECH 210 (under special circumstances, the Department may permit this course to be taken as a corequisite) or equivalent
- Four laboratory sessions and weekly tutorials

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

[Launch Visual Schedule Builder](#)