

MECH 530. MECHANICS OF COMPOSITE MATERIALS.

Credits: 3

Offered by: Mechanical Engineering (Faculty of Engineering)

Terms offered: Fall 2025

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Description

Fiber-reinforced composites. Stress, strain, and strength of composite laminates and honeycomb structures. Failure modes and failure criteria. Environmental effects. Manufacturing processes. Design of composite structures. Computer modelling of composites. Computer techniques are utilized throughout the course.

- (3-0-6)
- Corequisite: MECH 321 or equivalent/instructor's permission.

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