

# MECH 315. MECHANICS 3.

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Credits: 4

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

Single-degree-of-freedom systems; free vibrations; effect of damping; response to harmonic, periodic and arbitrary excitation. Lagrange's equations of motion. Vibrations of multi-degree-of-freedom systems. Continuous systems.

- (4-1-7)
- Prerequisites: MECH 220, MATH 271
- Pre-/Co-requisite: CIVE 207.

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