

# CIVE 327. FLUID MECHANICS AND HYDRAULICS.

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Credits: 4

Offered by: Civil Engineering (Faculty of Engineering)

Terms offered: Winter 2026

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## Description

Fluid properties; hydrostatics; dimensional analysis and similitude, fluxes of mass, momentum and energy; Bernoulli's equation; method of control volume; streamline curvature; potential flow and boundary layers; pipe flow, hydraulic machinery and introduction to open-channel flow.

- (4-2-6)
- Prerequisites: CIVE 206, MATH 264.

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