

# CIVE 628. ADVANCED DESIGN OF WOOD BUILDINGS

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Credits: 4

Offered by: Civil Engineering (Graduate Studies)

Terms offered: Winter 2026

[View offerings for Winter 2026 in Visual Schedule Builder.](#)

## Description

Advanced design of wood buildings: calculation of gravity and lateral loads, lateral design principles, load-resisting systems for multi-storey wood buildings. Design of multi-storey light-framed wood buildings, mass timber buildings. Design of connection systems. Hybrid timber buildings. Innovative structural systems for timber buildings.

- Prerequisite: Permission of the instructor.

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