

# CIVE 528. DESIGN OF WOOD STRUCTURES.

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Credits: 3

Offered by: Civil Engineering (Faculty of Engineering)

Terms offered: Fall 2025

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## Description

Review of wood material properties and grades. Design of sawn lumber and timber tension, bending, compression and beam-column members. Design of engineered wood products, glued-laminated and cross-laminated timber members. Design of connections. Moisture and humidity effects, deterioration and protection, fire performance, prescriptive design versus engineering design.

- Prerequisites: CIVE 318 or equivalent, or permission of the instructor

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