

# CIVE 418. DESIGN PROJECT.

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Credits: 4

Offered by: Civil Engineering (Faculty of Engineering)

Terms offered: Fall 2025, Winter 2026

View offerings for Fall 2025 or Winter 2026 in Visual Schedule Builder.

## Description

A team-based capstone design project carried out under the supervision of an experienced engineer. Involves a design project in one or more of the subdisciplines; environmental engineering, water resources engineering, transportation engineering, geotechnical engineering or structural engineering. Includes the definition of the problem, contains an iterative solution-finding process, and results in a final design. Addresses professionalism, as well as, economic, environmental, societal, safety and regulatory aspects of design. Contains the writing of a technical report and oral presentations. Emphasis is placed on the completion of a project of professional quality replicating the design process commonly implemented by practicing engineers.

- (1-2-6)
- Prerequisite: Completion of an approved set of required and complementary courses; normally restricted to final semester.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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