



Sessional Lecturer posting for CUPE 4163 (Component 3)
Department of Civil Engineering
Faculty of Engineering and Computer Science

CIVE Courses – Spring 2025 Opportunities

Term of Appointment: January 1 to April 30, 2025

The Department of Civil Engineering is seeking qualified individuals to teach the following courses for the Spring 2025 academic term. Courses marked with a double asterisk (**) require the instructor to be registered as a Professional Engineer. Instruction days/times are subject to change.

- 1) CIVE 250 – Structural Analysis
- 2) CIVE 315 – Environmental Policy
- 3) **CIVE 402 - Cross-disciplinary Capstone Design Project - **FILLED**
- 4) CIVE 470 - Case Studies in Construction Management
- 5) **CIVE 480A - Special Topics: Advanced Concrete Design – **FILLED**

CIVE [250](#) – Structural Analysis

Units: 1.5 Hours lecture-lab-tutorial: 3-1.5*-1

Lectures: Tuesdays & Thursdays 3:00-4:20pm

Labs: Mondays 1:30-4:20pm, Fridays 1:30-4:20pm

Tutorial: Tuesdays 8:30-9:20am

Description

Topics: analysis of determinate and indeterminate structures under static loads including trusses, beams, frames, cables, and arches; drawing of shear and moment diagrams, influence lines; deflection calculation; virtual work method; Castiglioni's Theorem and force method.

*Indicates a 3 hour laboratory taken by students on alternate weeks

CIVE [315](#) – Environmental Policy

Units: 1.5 Hours lecture-lab-tutorial: 2-0-1

Lectures: Wednesdays 2:30-4:20pm

Tutorial: Wednesdays 4:30-5:20pm

Description

Introduction to environmental policy, law and governance and cultural and sociological implications of sustainable engineering. How policy is formed and changed. Civil engineering development in First Nations.

****CIVE [402](#) - Cross-disciplinary Capstone Design Project**

Units: 2.0 Hours lecture-lab-tutorial: 1-9-0

Lectures: Fridays 1:30-2:20pm

Labs: Mondays 3:00-5:50pm, Tuesdays 2:00-4:50pm, Fridays 2:30-5:20pm

Description

Team or individual design project. Key sustainability metrics; integration of fundamentals acquired in mathematics, science, engineering, and complementary studies. A project proposal, a progress report, an oral presentation, and a comprehensive final report are required.

CIVE 470 - Case Studies in Construction Management

Units: 1.5 Hours lecture-lab-tutorial: 3-0-0

Lectures: Wednesdays 2:30-5:20pm

Description

Current topics in the construction industry and management of projects presented through guest speakers from industry. Major project to study and active construction project, including: identification and evaluation of solutions for construction site operations; factors affecting productivity and safety; measurement of on-site performance.

****CIVE 480A - Special Topics: Advanced Concrete Design**

Units: 1.5 Hours lecture-lab-tutorial: 3-0-0

Lectures: Tuesdays 10:30am-1:20pm

Description

Advanced analysis and design of concrete members for axial force and flexure. Beam shear analysis and design. Special topics may include two-way slab system, seismic design of concrete buildings, principles and methods of prestressed concrete structures, concrete bridge design fundamentals.

Required Qualification and Experience

- The successful individual will have a Ph.D. or a Master's degree or be enrolled in a graduate program and must have relevant knowledge and experience with the subject matter. An equivalent combination of education and experience may be considered.
- Preference will be given to applicants who are registered as professional engineers (P.Eng.) Positions marked with a double asterisk (**) require the instructor to be registered as a P.Eng.
- Prior teaching experience at a university level is an asset.

Salary is commensurate with the qualifications and follows the Sessional Lecturer Salary Grid in the [Collective Agreement](#) between the University of Victoria and CUPE Local 4163 (Component 3).

The availability of this position is subject to funding and enrollment criteria. The University of Victoria reserves the right to fill additional teaching assignments from the pool of applicants for this posting.

UVic is committed to upholding the values of equity, diversity, and inclusion in our living, learning and work environments. In pursuit of our values, we seek members who will work respectfully and constructively with differences and across levels of power. We actively encourage applications from members of [groups experiencing barriers to equity](#). Read our full equity statement here: www.uvic.ca/equitystatement

To apply: Please submit an expression of interest (e.g. cover letter) Attention: Dr. Thomas Froese, Department of Civil Engineering, together with a recent CV via email to civeadmin@uvic.ca by **August 9, 2024** (or until positions are filled).

If you are a graduate student your application must include a letter of support from your supervisor(s) indicating his/her/their agreement with you applying for a position. Per Faculty of Graduate Study policy, graduate students must be completed all coursework except the thesis to be eligible to be hired as a sessional lecturer.

The anticipated date by which employment decisions will be made is **September 6, 2024**.