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

CIVE Courses – Fall 2024 Opportunities

Term of Appointment: September 1 to December 31, 2024

The Department of Civil Engineering is seeking qualified individuals to teach the following courses for the Fall 2024 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 299 – Geomatics Engineering
2) **CIVE 352 – Reinforced Concrete Structural Design

**CIVE 299 Geomatics Engineering   Units: 1.5   Hours lecture-lab-tutorial: 1.5-3-1
Lectures: Tuesdays 2:30-3:50pm
Labs: Tuesdays 9:30am-12:20pm, Fridays 9:30am-12:20pm
Tutorials: Tuesdays 4:00-4:50pm

Description
Introduction to collection, analysis and presentation of geomatic data in civil engineering including surveying, GIS and remote sensing. Fundamental concepts of horizontal and vertical angle measurement, levelling; area computation, earthworks computation, profiles and cross-sections, circular curves. Operation of field equipment used in surveying. Principles of Global Positioning Systems, data collection, map reading, scale and map projections. Principles behind geographic information systems, spatial data and analysis and basic geodesy. Remotely sensed data sources and associated errors.

**CIVE 352 Reinforced Concrete Structural Design Units: 2.0   Hours lecture-lab-tutorial: 3-1.5*-1
Lectures: Wednesdays & Fridays 1:30-2:50pm
Labs: Mondays 10:00am-12:50pm, Thursdays 10:00am-12:50pm
Tutorials: Fridays 3:00-3:50pm

Description
Strength and design of reinforced concrete structures; fundamental behaviour under various stresses; design of compression and flexural members, and use of innovative materials in reinforced concrete structures.
* Indicates a 3-hour laboratory taken by students on alternate weeks.

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 **June 28, 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 **July 26, 2024**.

June 11, 2024