

**STEPHEN J.R. SMITH FACULTY OF ENGINEERING AND APPLIED SCIENCE AT QUEEN'S
UNIVERSITY**
Teaching Fellow Position Available
Academic Year 2024/25

Posting Date: February 12, 2024

Closing Date: February 20, 2024

Smith Engineering invites applications from suitably qualified candidates interested in teaching the following second year undergraduate course in the 2024/25 session. This course is taught as an in-person Summer Bridging course for the Smith Engineering Bridge.

APSC 210/293 Engineering Design and Practice
Course Development: March – April 2024
Teaching: May 1, 2024 – August 31, 2024

Qualifications:

Professional Engineering license is required. Minimum of Master's in Engineering or related field. Previous teaching experience at the University level considered an asset. Previous educational background and/or experience must be suited to teaching the course described below. Candidates must have excellent communication and presentation skills, as well as being capable of working as a member of a teaching team.

Course Description:

APSC 210 Engineering Design and Practice Units: 4.00

The objective of APSC-210 is to develop the professional skills used by engineers and demonstrate them by team-based project work. It addresses the objectives of APSC 101, APSC 103, and APSC 200 primarily for students who are transferring into engineering from an advanced diploma technology program. It focuses on developing complex problem solving, modeling, and professional skills in the context of the engineering profession, and integrates content knowledge in engineering science and mathematics. It includes instruction on problem scoping, creativity and idea generation, decision making incorporating technical, economic, societal, and environmental factors, safety, engineering codes and regulations, and engineering ethics and equity. Students work in teams to define problems, gather and identify appropriate information, work effectively with teammates, generate ideas, select ideas, and implement a solution to a presented problem.

K4 (Lec: Yes, Lab: No, Tut: Yes)

APSC 293 Engineering Communications Units: 1.00

This course provides an introduction to effective engineering writing and speaking skills with the emphasis on professional correspondence, engineering reports, oral briefings, and formal oral presentations. These skills are developed in lectures and small group tutorials. This course is integrated with APSC 210, and coordinated by the same instructor.

K1(Lec: Yes, Lab: No, Tut: Yes)

Course Details:

This course requires synchronous in-person delivery from May 1, 2024 – August 31, 2024.

Expected Enrolment (subject to change): 15 students

Summer term classes begin Monday May 6th and end Friday July 26, 2024. The Summer term examination period is August 2-10, 2024. More information on the Undergraduate Academic Plan can be found [here](#).

Prior to May 1, 2022, the University required all students, faculty, staff, and visitors (including contractors) to declare their COVID-19 vaccination status and provide proof that they were fully vaccinated or had an approved accommodation to engage in in-person University activities. These requirements were suspended effective May 1, 2022, but the University may reinstate them at any point.

The University invites applications from all qualified individuals. Queen's is strongly committed to employment equity, diversity, and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous/Aboriginal people, women, persons with disabilities, and 2SLGBTQ+ persons.

Teaching Fellows at Queen's University are governed by a collective agreement between Public Service Alliance of Canada (PSAC) 901, Unit 1, and Queen's University. Compensation for teaching the above course will be according to the [Collective Agreement](#). In addition to the course delivery compensation, the successful candidate will also be compensated \$2,000, in recognition of the remaining course development work to develop and design the course project.

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact engineering.hr@queensu.ca.

To comply with Federal laws, the University is obliged to gather statistical information about how many applicants for each job vacancy are Canadian citizens/ permanent residents of Canada. Applicants need not identify their country of origin or citizenship; however, all applications must include one of the following statements: I am a Canadian citizen/permanent resident of Canada; OR, I am not a Canadian citizen/permanent resident of Canada. Applications that do not include this information will be deemed incomplete.

Applications should include a complete and current curriculum vitae, a copy of your transcript, a statement of teaching experience, the names and contact details of two referees who may be contacted, and any other relevant materials the candidate wishes to submit for consideration. Applications can be submitted to the First Year Committee at the address below, or by e-mail to engineering.hr@queensu.ca. Applications should arrive no later than February 20, 2024.

First Year Committee

Stephen J.R. Smith Faculty of Engineering and Applied Science
Room 200, Beamish-Munro Hall
Queen's University, Kingston, Ontario K7L 3N6