



**STEPHEN J.R. SMITH FACULTY OF ENGINEERING AND APPLIED SCIENCE AT QUEEN'S
UNIVERSITY**

**Term Adjunct Position
Academic Year 2024-2025**

Posting Date: October 1, 2024

Closing Date: October 30, 2024

The Department of Mechanical and Materials Engineering at Queen's University invites applications from suitably qualified candidates interested in teaching the following undergraduate course in the 2024/25 session.

This course is the third course in the Capstone Design series for the Mechanical Engineering program. The first two courses are MECH 460 and MECH 464 – See Fall Adjunct Postings.

**APSC 200 Engineering Design & Practice II
January 1, 2025 – April 30, 2025**

Qualifications:

Minimum of M.Sc. in Mechanical Engineering or related field. Previous educational background and/or experience must be suited to teaching the course described below. Candidates must have excellent communication and presentation skills as proven with prior experience, as well as being capable of working as a member of a teaching team. Previous teaching experience at the University level, specifically large lecture-based engineering courses is considered an asset. *Registration as a Professional Engineer, or eligibility to acquire registration in Canada, is required.*

Course Description:

Units: 4.00

In this course students will participate constructively on teams to create solutions to open-ended complex problems, using standard design methods and tools. This project-based course provides instruction primarily in the first 6 weeks of the semester focusing on problem scoping, creativity and idea generation, decision making incorporating technical, economic, societal, and environmental factors, safety, engineering codes and regulations, and engineering ethics. The final 6 weeks of the course centre around a design project delivered by each discipline. This course is integrated with [APSC 293](#), and coordinated by the same instructor.

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

Requirements: Prerequisites: [APSC 100](#) or [APSC 103](#) ; [APSC 199](#) or have passed the English Proficiency Test Corequisites: [APSC 293](#) Exclusions: [APSC 202](#)

Mathematics 0, Natural Sciences 0, Complementary Studies 12, Eng Science 0, Eng Design 36

Course Details:

This course involves in-person delivery of one 1-hour lecture two 2-hour studios for two section weekly for twelve weeks

Expected Enrolment (subject to change): 230 students

The successful applicant will have 50% percent responsibility for this course. Graduate teaching assistants will be assigned to assist with tutorials, labs and marking.

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 people, women, persons with disabilities, and 2SLGBTQ+ persons.

Academic staff at Queen's University are governed by a [Collective Agreement](#) between the University and the [Queen's University Faculty Association \(QUFA\)](#).

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 mmeadmin@queensu.ca.

In accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority, including any qualified individuals who have a valid legal work status in Canada. Please indicate in your application if you have a valid legal work status in Canada. Applications that do not include this information will be deemed incomplete. Applications from all qualified candidates will be considered in the applicant pool.

Applications should include a complete and current curriculum vitae, 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 MME Appointments Committee at the address below, or by e-mail to mmeadmin@queensu.ca. Applications should arrive no later than October 30, 2024 at 11:59pm.

Mechanical and Materials Engineering (MME) Appointments Committee
Department of Mechanical and Materials Engineering
McLaughlin Hall, Room 201
Queen's University, Kingston ON, K7L 3N6
Tel. 613 533-2585