



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

**Term Adjunct Position
Academic Year 2026-2027**

Queen's University is situated on traditional Anishinaabe and Haudenosaunee Territory.

Posting Date: June 1, 2026

Closing Date: June 15, 2026

The Department of Mechanical and Materials Engineering at Queen's University invites applications from suitably qualified candidates interested in teaching the following second year undergraduate course in the 2026/27 session.

**MECH 229 Kinematics and Dynamics
September 1, 2026 - December 31, 2026
Number of Positions - 1**

Qualifications:

Minimum of M.Sc. in 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 engineering courses, considered an asset. Registration as a Professional Engineer, or eligibility to acquire registration in Canada, would be considered an asset.

Course Description:

Units: 3.5

This course will cover the following topics in the field of dynamics. Kinematics of particles: planar and three-dimensional motion (rectilinear, curvilinear), choosing a coordinate system, conversions between systems, space curvilinear motion using vector derivatives, free and constrained paths, relative motion between particles. Kinetics of systems of particles: generalized Newton's Second Law, work and energy, impulse and momentum, conservation of energy and momentum, impact. Students will solve dynamics problems analytically and computationally in an active learning environment. *This course is an exact duplicate of [MECH 228](#) but for MREN and MINE students only. K3.5 (Lec: No, Lab: Yes, Tut: No)

Requirements: Prerequisites: APSC 111, APSC 171 Exclusions: [MECH 228](#)

CEAB Units:

Mathematics 0, Natural Sciences 11, Complementary Studies 0, Eng Science 31, Eng Design 0
Learning Outcomes can be found in the [Academic Calendar](#)

Course Details:

This course involves synchronous in-person delivery of three 1-hour lectures and one 1-hour tutorial per week for the 12 weeks of the term, plus assessments including the final exam. The successful applicant will have 100% percent responsibility for this course. Graduate teaching assistants will be assigned to assist with tutorials and marking.

Expected Enrolment (subject to change): 140 students.

The stipend for this position will be between \$10,737 and \$12,836. Actual salary will be commensurate with years of teaching experience and course weight, as per the Queen's-QUFA Collective Agreement.

This posting is to fill an existing vacancy within the University.

As part of the application process at Queen's University, our recruitment system uses Artificial Intelligence (AI), as defined under the Ontario Employment Standards Act, to ask job-related questions and confirm eligibility for hire. All final hiring decisions are made using non-AI related processes.

The above course will be taught on campus. Fall term classes begin September 8, 2026 and end December 8, 2026. The Fall term examination period is December 10 – 23, 2026.

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 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 us at mmeadmin@queenu.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. Applicants are encouraged to apply and upload all documents in their application packages electronically as PDFs on the following website: <https://apply.smithengineering.queensu.ca/124004>. Applications should arrive no later than June 15, 2026 at 11:59pm.