SMITH ENGINEERING
Queen's University

Mechatronics and Robotics Engineering

Summer Job Opportunity

Duration: May – August 2026
Hours: 120 hours over 16 weeks. Final weekly schedule to be mutually determined with the supervisor. For graduate students, the position will be part-time, with a maximum of 10 hours per week. Graduate students must have permission from their supervisor to take on this position.

Compensation: $18.60/hr plus 4% vacation pay
Location: Beamish-Munro Hall, on Queen's campus

Number of Positions: 1
Vacancy Type: New

Supervisors:
Mary Bouchard and Keyvan Hashtrudi-Zaad

What is the role?
The Mechatronics and Robotics Engineering (MRE) program is hiring up to two students to assist in the development and revision of new undergraduate laboratories. This may include assembling and testing new laboratory equipment, contributing to the design of laboratory set-up, and/or creating lab manuals. The successful candidate will contribute to cutting-edge mechatronics and robotics courses that may include automation, intelligent systems, machine design, robotics, fluid mechanics & fluid power, and thermodynamics & heat transfer.

Successful candidate will be:

- An undergraduate student (any engineering program) who has successfully completed 2nd year, or a graduate student in the ECE or MME graduate program or related engineering program
- A recent graduate of MRE, ECE, or MME, or related engineering program

Successful candidates will ideally have:

- Sound understanding of core concepts in engineering design and problem solving
- Sound understanding of core concepts in thermodynamics and fluid mechanics
- Experience in design, build, instrumenting and testing of experimental prototypes
- Proven ability to work independently, and
- Initiative and creativity

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Projects this summer include:

- Rework haptics lab for MREN 348
- Revise the flexible-link lab for MREN 348

Application:

If you are interested, please submit a cover letter, unofficial transcript, and your resume by **Thursday April 30th at 11:59 pm** to Mary Bouchard m.bouchard@queensu.ca .

You must be eligible to work in Canada. For more information on the MRE program, please visit the website: https://smithengineering.queensu.ca/mre/index.html . We appreciate all applications, but only those selected for an interview will be contacted.

Artificial Intelligence (AI) will not be used in the screening, assessment or selection process for this position.