

## Summer Job Opportunity for MREN 318 Mechatronics & Robotics Engineering Course Development

On behalf of the new Mechatronics and Robotics Engineering (MRE) program, the Faculty of Engineering and Applied Science will be hiring one student to assist in the development and testing of laboratories for a new course: **MREN 318 Sensors and Electric Actuators**, which will be offered for the first time in Fall 2023. The labs will be based in part upon those currently offered in **ELEC 333 Electric Machines** and **ELEC 344 Sensors and Actuators**.

Successful candidate will be:

- An undergraduate student who has successfully completed 3<sup>rd</sup> year, or a full-time graduate student, in the ECE program or related engineering program
- A recent graduate of an ECE, or related engineering program

Successful candidates will ideally have:

- Sound understanding of core concepts in sensors and electric machines
- Experience in the design, build and testing of a system involving sensors and actuators
- Hands-on skills in the mechanical, electrical and/or computer engineering fields,
- Proven ability to work independently, and
- Initiative and creativity

Experience in the following areas would be considered an asset

- have taken ELEC 333 and ELEC 344, or similar courses

If you are interested, please submit a cover letter, unofficial transcript, and your resume by **Sunday March 5<sup>th</sup> at 11:59 pm** to Mary Bouchard ([m.bouchard@queensu.ca](mailto:m.bouchard@queensu.ca)). For undergraduate students, the position will be for 16 weeks of full-time work (normally May to August 2023) at \$17/hour (plus 4% in lieu of vacation). For graduate students, the position will be for 16 weeks, part-time, with a maximum of 10 hours per week of work time. Graduate students must have permission of their supervisor to take on this position.



You must be eligible to work in Canada. For more information on the MRE program, please visit the website: <https://engineering.queensu.ca/programs/undergraduate/mre/>. If you have any questions, please feel free to contact Prof. Greeff ([melissa.greeff@queensu.ca](mailto:melissa.greeff@queensu.ca)) who will be the supervisor. We appreciate all applications, but only those selected for an interview will be contacted.