

Hello,

On behalf of the new Mechatronics and Robotics Engineering (MRE) program, the Faculty of Engineering and Applied Science will be hiring one student this fall for the setup and development of new laboratories in the area of signals and systems.

The successful candidate will assist faculty members in developing and testing laboratories for a new course: MREN 223 (Signals and Systems). The labs involve both computing hardware (e.g. DSP boards) and software (e.g. MATLAB/Simulink).

Successful candidate will be:

- An undergraduate student who has successfully completed 3rd 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 have:

- Sound understanding of core concepts in signals and systems
- 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

- application of digital signal processing (DSP) boards
- have taken ELEC 224 and ELEC 324, or similar courses

If you are interested, please submit a cover letter, unofficial transcript, and your resume by **3 October 2022 at 4:00 pm** to m.bouchard@queensu.ca. For undergraduate students, the position will be part-time up to 80 hours at \$17/hour. For graduate students, the position will be for part-time, with a maximum of 8 hrs/week at \$23/hour.

You must be eligible to work in Canada. Please follow this link for more info on the MRE program. <https://mre.engineering.queensu.ca>. If you have any questions, please feel free to contact me. We appreciate all applications, but only those selected for an interview will be contacted.