

## A Message Regarding the myDAQ Device

We are introducing the National Instrument myDAQ device to our courses in the Electro technology department. The students in semester 2 will start using the device in the ELEC 10137 AC Electricity course beginning in Winter 2018. The students will be required to purchase the myDAQ as part of their Lab kit for AC Electricity. Measurements can be conducted on the myDAQ device for various lab experiments in the course and can be used from home with access to a computer. This offers the students greater flexibility for lab prep and lab practice.

Throughout your academic plan, you will have the opportunity to use the myDAQ device in many of your courses and projects including your capstone project. Students can work wherever they choose, learning beyond the lab environment using the leading industry tools and methods. myDAQ will also become an invaluable simulation tool which you will use as you build your career.

### What is myDAQ?

National Instruments myDAQ is an affordable, and portable data acquisition (DAQ) device that allows students to analyze and measure *live signals anytime, anywhere*. National Instruments myDAQ combines eight virtual instruments based on the LabVIEW software, including a digital multimeter (DMM), oscilloscope, and function generator, Bode analyzer, arbitrary waveform generator, dynamic signal analyzer (fast Fourier transform), digital input, and digital output. These affordable devices allow for real engineering and, can be combined with graphical programming with LabVIEW and NI Multisim software to connect and analyze circuits outside lab.

### How to Purchase?

Electro Technology department at Mohawk has set up an account with Studica:

<http://www.studica.com/mohawk.html>

Each student will get a student discount against their student ID, and can purchase a basic myDAQ for \$270. Students will also have an option of purchasing additional protoboards or kits at a discounted price.