ELE809 – Digital Control Systems Design

• **Course Outline**
  http://www.ee.ryerson.ca/undergraduate/dcd/ele809.html

• **Key Knowledge to Be Acquired**
  Fundamental knowledge in the analysis and design of digital control systems. Modern control systems design using the state-space system model. State estimation using full and reduced-order observers.

• **Key Skills to Be Mastered**
  Design, simulation and implementation of digital controllers using MATLAB.

• **Potential Careers**
  Control system engineers, mechatronic system engineers, embedded systems engineers, system integration engineers, instrumentation engineers, ...

• **Potential Employers**
  Potential employment can be found in the following industries: automotive, aerospace, oil and gas, power, ...

• **Graduate Studies**
  University of Toronto, University of Waterloo, University of BC, McGill University, etc.