ELE709 – Real-Time Computer Control Systems

- **Course Outline**

  http://www.ee.ryerson.ca/undergraduate/dcd/ele709.html

- **Key Knowledge to Be Acquired**

  Fundamental knowledge in the specification, design, analysis and implementation of real-time systems and digital control systems.

- **Key Skills to Be Mastered**

  Multi-threaded programming using Pthreads. Implementation of real-time applications on a Linux-based real-time operating system.

- **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.