

# ELE869 – Fundamentals of Robotics

- **Course Outline**

<http://www.ee.ryerson.ca/undergraduate/dcd/ele869.html>

- **Key Knowledge to Be Acquired**

Fundamental knowledge in the modeling and control of industrial robotic manipulators.

- **Key Skills to Be Mastered**

Modeling of industrial robotic manipulator using MAPLE and MATLAB.

- **Potential Careers**

Robotic system engineers, control system engineers, mechatronic system engineers, embedded systems engineers, instrumentation engineers, ...

- **Potential Employers**

Potential employment can be found in the following industries: robotic, automotive, aerospace, ...

- **Graduate Studies**

University of Toronto, University of Waterloo, University of BC, Simon Fraser University, McGill University, etc.