

Winter 2018

To: ISE 5462/4462 Students and SECS Faculty

From: Bill Edwards; PhD, P.E., PMP
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Subject: Syllabus for ISE 5462/4462 PLM Applications - Robotics
Tuesdays & Thursdays; 7:30pm to 9:17pm, 568 EC

Prerequisites: Major Standing.

Text: Online Manual

Office Hours: Tuesday & Thursday, 5:30- 6:30pm

Course Objectives: Have an Understanding of Robots and Computer Simulation of Robotics.

Grading: The guideline for course grade will:

- Understand Safety in the Sharf Lab (568 EC)
- Knowledge of Robots
 - Different Types of Robots
 - Capabilities
 - Limitations
- Hands on Applications of Robots in Sharf Lab (568 EC)
- Understand Computer Simulation on Robots
 - Capabilities
 - Limitation

There are plans for Guest Speakers & Tours;

- Manufacturing in America at Ford Field
- Chrysler Ergonomics and Simulation Group
- Siemens Software Project Engineer?
- Supplier Simulations Visit?

Academic Conduct: Students are encouraged to discuss homework and laboratory assignments with one another for their mutual benefits. However, no form of plagiarism (for example, copying) is permitted. Further information and examples are available from the "Academic Conduct Policy" in the *Oakland University Undergraduate Catalog*