

**ROBOTICS 3221 (Local):  
2006-2007**

**Course Description**

This course is designed for students who wish to explore the field of Automated Technology and use it as a vehicle for further study in this area. This course introduces students to the fundamental concepts of Robotic Technology and is designed to give students real world experience and provide a solid basis should they choose to pursue further study in this area. Students will explore robotic automation as it relates to pneumatics, hydraulics and electronics.

**Resources:**

Manuals and course handouts. (To be provided)

**Materials List**

There is no textbook for this course. Materials for study will include the following:

- \* Personal Class Notes
- \* Handouts

All students are required to have the following materials for each class:

\* A 1" Three-Ring Binder. Will be used to hold all class notes, handouts, and printed projects and is included in the course fee.

- \* A pen and a pencil.

**Evaluation:**

<b>Class Participation.....</b>	<b>10%</b>
<b>Class Module Work.....</b>	<b>35%</b>
<b>Robot Construction.....</b>	<b>40%</b>
<b>Test/Quizzes.....</b>	<b>15%</b>