

# ROBOTICS TECHNOLOGY (RBTC)

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## **RBTC 1401**

### **Programmable Logic Controllers**

CRT HRS:4   LEC HRS:3   LAB HRS:3   OTH HRS:0

This course is a study in programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming.

*Prerequisite: None.*

## **RBTC 1405**

### **Robotic Fundamentals**

CRT HRS:4   LEC HRS:3   LAB HRS:3   OTH HRS:0

This course is an introduction to flexible automation. Topics will include installation, repair, maintenance, and development of flexible robotic manufacturing systems.

*Prerequisite: None.*

## **RBTC 1447**

### **Electro-Mechanical Devices**

CRT HRS:4   LEC HRS:3   LAB HRS:3   OTH HRS:0

This course is a study of electro-mechanical devices found in robotic systems. Includes switches and relays.

*Prerequisite: CETT 1409.*