

ROBOTICS TECHNOLOGY (RBTC)

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.