

# ELECTROMECHANICAL TECH (ELMT)

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## **ELMT 1405**

### **Basic Fluid Power**

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

This course covers basic fluid power course covering pneumatic and hydraulic systems, fluid power symbols, operating theory, components, and basic electrical and manual controls.

*Prerequisite: None.*

## **ELMT 1411**

### **Solar Fundamentals**

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

This course is a study of heat transference, motors, pumps and other mechanical devices; solid state switches; photovoltaic plates and energy conversion; thermal dynamics; and solar energy.

*Prerequisite: None.*