

# 2023-2024 TTC Catalog - Electronic Instrumentation Technology (EIT)

---

## **EIT 110 - Principles of Instrumentation**

**Lec:** 2.0 **Lab:** 3.0 **Credit:** 3.0

### **Course Offered**

Fall  
Spring

This course is a study of various types of instruments and gauges used by industrial facilities. Basic principles of pneumatic, electronic and mechanically operated devices are covered.

### **Prerequisite**

EET 113  
or Departmental Approval.

**Grade Type:** Letter Grade

**Division:** Engineering and Construction

---

## **EIT 244 - Computers and PLCs in Instrumentation**

**Lec:** 2.0 **Lab:** 3.0 **Credit:** 3.0

### **Course Offered**

Spring

This course covers interfacing pneumatic and electronic process control instrumentation with computers and programmable logic controllers by using various transducers. Programming and installation are stressed.

### **Prerequisite**

EIT 110

**Grade Type:** Letter Grade

**Division:** Engineering and Construction

---