



## **Mechatronics**

College Credit Certificate | Code: 66053 | 30 Credits

**CIP:** (0615000013)

**Effective Date:**

This program offers students instruction in maintenance techniques, computer aided drafting/design skills, technical communications, maintenance and operation of various industrial components, quality control and testing, material handling protocols, and proper usage of tools and instrumentation.

### **MAJOR COURSE REQUIREMENTS (30.00 Credits)**

CET 1110C	Digital Circuits	(4 Credits)
COP 2270	"C" for Engineers	(4 Credits)
EET 1015C	Direct Current Circuits	(4 Credits)
EGN 2200	Computer Applications in Engineering	(3 Credits)
ETI 1152C	Mechanical Measurement and Instrumentation	(3 Credits)
ETI 1701	Industrial Safety	(3 Credits)
ETI 2404	Advanced Manufacturing Technology	(3 Credits)
ETM 1315C	Applied Pneumatics and Hydraulics	(3 Credits)
ETS 2542C	Programmable Logic Controllers	(3 Credits)