

Electrical Technology (ELCT)

Courses

ELCT 120 Basic Industrial Controls

Credits: 3

Term: (Currently not offered)

This course covers an introduction to Basic Industrial Control methods. The topics covered in this course provide a foundation for further study in the industrial control branch of knowledge.

ELCT 130 Electric Motors and Generators

Credits: 3

Term: (Currently not offered)

This course covers an introduction to the terminology and basic principles of DC and AC motors and generators. Students will study single phase and three phase motors and generators and operational controls. Common AC and DC power generation equipment and testing techniques will also be covered.

ELCT 250 Programmable Logic Controllers

Credits: 3

Term: (Currently not offered)

Prerequisite OR Corequisite: ELCT 120 with a C- or higher.

This course covers an introduction to a variety of programmable logic controllers (PLCs). The applications, operations, and programming of PLCs will be covered with an emphasis on programming. Computers and manual methods will be used to program PLCs.