

ELC-117 Motors and Controls

COURSE DESCRIPTION:

Prerequisites: None

Corequisites: None

This course introduces the fundamental concepts of motors and motor controls. Topics include ladder diagrams, pilot devices, contactors, motor starters, motors, and other control devices. Upon completion of the course, the student will be able to:

- C. Non-reversing controls
- D. Reversing and multiple speed controls
- E. Reduced voltage starting
- F. Accelerating and decelerating controls

VI. Time delay circuits

- A. Types of timers
- B. Applications

REQUIRED TEXTBOOK AND MATERIAL:

The textbook and other instructional material will be determined by the instructor.