Department:

Electrical Technology

Course Description:

This course will present basic safety information for establishing a safe electrical working environment. The course will cover electrical and general safety practices needed during coursework and at construction sites. The course will provide hands-on instruction in the use and care of power tools, hand tools, special electrical trade tools, ladders, and other equipment.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Comply with safety rules and practices.
2. Complete and pass the safety exam.
3. Demonstrate the use of fire extinguishers.
4. Demonstrate the proper use of power tools.
5. Demonstrate the use of lockout/tag out.

Course Content:

A. Unit 1: Electricity can Kill
B. Unit 2: The shock emergency
C. Unit 3: The importance of grounding
D. Unit 4: Emergency response
E. Safety Orientation

Learning Assessments:

Course competencies will be assessed by use of unit pre-tests and post-tests, evaluation of lab work and work skills, quizzes, and a final exam.

Instructional Materials:

All necessary instructional materials will be provided by the course instructor.

Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.
Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

In order to begin the process all students must complete the “Disabilities Self-Identification Form” at this link: https://highlandcc.edu/pages/disability-services.

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.