



Snead State Community College

Industrial Electricity

Industrial Electricity I

Industrial Electricity I is designed to allow students in a manufacturing or service environment to become familiar with basic OSHA safety guidelines, proper use of hand tools, fundamentals of Ohm's law and the correct use of digital and analog multi-meters. The students will learn what electricity is, how it is generated and how it behaves in AC and DC circuits with hands-on lab experiences that will sharpen their industrial maintenance abilities.

August 23, 24, 30 & 31, 2017; 8:00a-5:00p

Industrial Electricity II

In Industrial Electricity II students become familiar with three phase motors and power, relay logic and controls. This class covers basic elementary wiring diagrams and troubleshooting procedure and includes hands-on labs.

September 20, 21, 27 & 28, 2017; 8:00a-5:00p

Industrial Electricity III

In Industrial Electricity III students become familiar with power distribution systems, sub-stations, feeders, switch gears and power transformers that may be in their respective work environment. Variable frequency drives, solid state and magnetic motor starters, DC power supplies and techniques on how to troubleshoot each component will be discussed and includes a hands-on lab experience.

October 18, 19, 25 & 26, 2017; 8:00a-5:00p

Industrial Electricity IV

In Industrial Electricity IV students become more efficient in their troubleshooting skills. Students will perform advanced troubleshooting procedures using a digital multimeter to search, diagnose and repair the source of the problem.

November 29-30 & December 6-7, 2017; 8:00a-5:00p

Cost: \$2,400, includes all textbooks and labs

Instructor: Steve Dodd

Location: **Technology Building, room T108**

506 Usry Ave

Boaz, AL 35957

To register contact:

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