



Snead State Community College

Industrial Electricity Courses

Industrial Electricity I

This course 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 Ohms 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.

Industrial Electricity II

This course is designed to allow students in a manufacturing or service environment to become familiar with three phase motors and power, relay logic and controls. This course covers basic elementary wiring diagrams and troubleshooting procedures with hands-on lab experiences that will enhance their industrial maintenance abilities.

Industrial Electricity III

This course is designed to allow students in a manufacturing or service environment to become more 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 with hands on lab experience.

Industrial Electricity IV

This course is designed to allow students in a manufacturing or service environment to become more efficient in their troubleshooting skills. In this course the students will be required to perform advanced troubleshooting procedures using a digital multimeter to search, diagnose and repair the source of the problem. The hands-on labs will greatly enhance their industrial maintenance abilities.

Cost: \$1,900, includes all textbooks

Instructor: Steve Dodd

To register contact: Workforce Development Division

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