



I.U.O.E. Local 835 Training Program

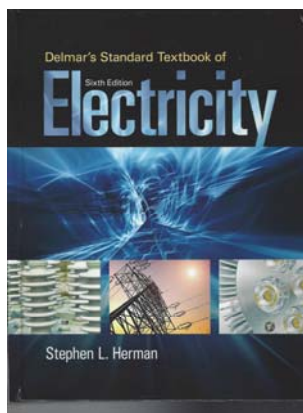
Electricity I—Basics

In *Electricity I*, students will be taught “The Basics” of electricity. Starting with the origins of electricity and the War of Currents, we’ll then move onto the types of electrical systems in use today and an introduction on safety. Students will learn about atomic structure and basic values, such as voltage, current, resistance, and power, including Ohms law and Kirchhoff’s law.

We also will determine electrical values for combination circuits in direct current (DC) and alternating current (AC) containing resistance, inductance, and capacitance.

Finally summarizing the principles of magnetism, calculate voltage drop based on conductor length, type of material, and size, as well as utilize electrical measuring instruments.

Students will practice theory in hands-on workshops building and testing basic circuits.



**Spring Semester begins in February
Wednesday following Presidents’ Day**

**Fall Semester begins in September
Wednesday following Labor Day**

**Classes are held on:
Mondays 6:15PM—9:15PM
Wednesdays 6:15PM—9:15PM**

Tuition

Local 835 Members	\$450.00
Non Union Members	\$550.00
Textbook & Classroom Materials	\$200.00

All Local 835 Training Fund Members:

Any Local 835 member making contributions to the Training Fund will receive free tuition. Students will however be responsible for the cost of the textbook and classroom materials.



Classes will take place at the Local 835 Training Center

Pilgrim Gardens Shopping Center
1064 Pontiac Rd (Second Floor)
Drexel Hill, PA 19026