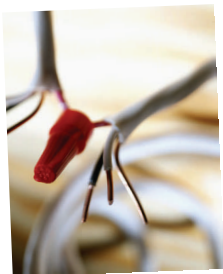
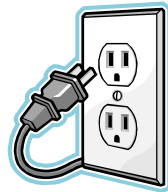


Electrical Wiring Residential

This course will provide you with a solid background of electrical principles and practices, as well as a thorough understanding of the National Electrical Code® requirements. Once having mastered the information here, you will be well equipped to design and install modern and safe residential wiring systems that meet the electrical power demands of the new millennium.

You Will Also Be Taught:

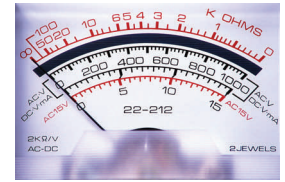
1. OHMS Law
2. All about batteries
3. Bells, various push buttons, buzzers, and chimes
4. Transformers and their use
5. Wiring for lights and appliances
6. Various types of switches used for residential wiring
7. The use of duplex receptacles
8. The National Electrical Code as it governs the installation of low voltage and high voltage in residences



The Textbook Will Include the Following

Section 1—Fundamentals:

- * Safety
- * Electrical Energy Fundamentals
- * Tools for the Electrician



Section 2—Installation:

- * Wiring Systems
- * Conductors
- * Boxes, Fittings and Covers
- * Device Wiring
- * Overtcurrent Protection
- * Grounding
- * The Service Entrance



Section 3—Planning:

- * Electrical Prints and Specifications
- * Branch-Circuit, Feeder, and Service Design
- * Appliance Wiring and Special Outlets



Section 4—Specialized Installations:

- * Farm Wiring
- * Mobile Home Wiring
- * Telephone and Computer Network Wiring
- * Motors
- * Emergency and Standby Systems



Section 5—The Professional Electrician