

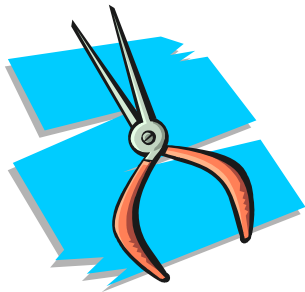


A Multi-State Curriculum Consortium

Electrical Wiring

- Electrical Tools and Materials
- Safety
- Soldering Skills
- Residential Wiring

Electrical Tools and Materials



Electrical Tools ID

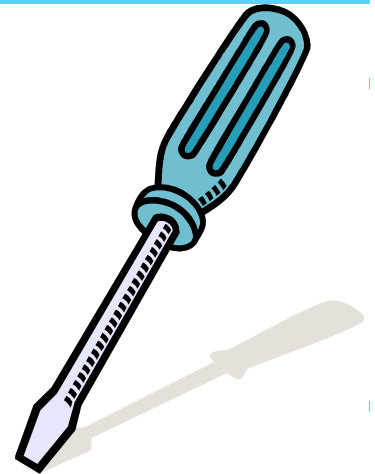
The featured expert displays and demonstrates the usage of a variety of pliers, screwdrivers, drills and bits, saws, conduit tools, test instruments and miscellaneous tools used in electrical work. Correct usage of the tools and following safe and approved working procedures are emphasized. A supplement is included.

CEV00859 (VHS/DVD) \$85.00

Electrical Materials ID—I

Proper electrical material identification and usage is the focus of the presentation. More than 15 different wiring conductors are displayed and several methods of attaching wires together are demonstrated: utilizing wire nuts, solderless connectors and split bolt connectors. Also included is a discussion on the most common types of conduit and the variety of connectors and fittings used for each. A supplement is included.

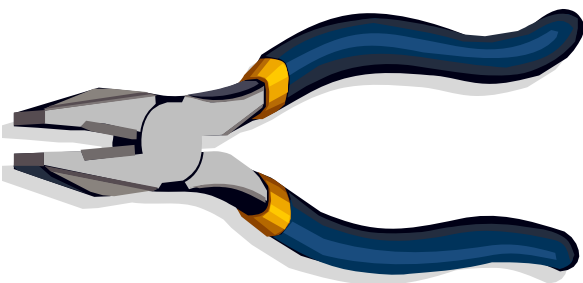
CEV00860 (VHS/DVD) \$85.00



Electrical Materials ID—II

Featured in the videotape are a variety of electrical boxes (steel and PVC), switches and receptacles. Their respective auxiliary items also are shown and discussed: cover plates, fuses, disconnect box, breaker panel box, meter can, weatherhead, ground rod and clamp and several types of lighting fixtures. A supplement is included.

CEV00861 (VHS/DVD) \$85.00

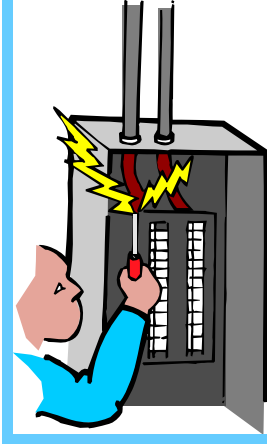


MAVCC **A Multi-State Curriculum Consortium**

Electrical Tools and Materials

Electrical Safety

Focusing on basic electrical safety procedures, the program discusses proper grounding of tools and equipment, the purpose of over-current protective devices (fuses and circuit breakers) and the purpose and care of insulation on electric power cords. An explanation of electrical shock— factors affecting severity, protective devices, how to avoid it and how to handle electrical accidents— is included. A supplement is included.
CEV00805 (VHS/DVD) \$95.00



Electrical Tools, Safety, & Wiring

Focusing on basic electrical safety procedures, the DVD discusses proper grounding of tools and equipment, the purpose of over-current protective devices and the purpose and care of insulation on electric power cords. Correct usage of the tools and following safe and approved working procedures are emphasized. Proper electrical material identification also is a focus. Using an electrical demonstration board, students are shown how to wire three circuits commonly found in most residences— a duplex receptacle, a lighting fixture controlled by a dimmer switch and a three-way lighting circuit. 250 min, 4 sections, 9 printable resources and 8 web resources.
CEV80858 (DVD) \$195.00

Soldering Techniques

The art of soldering has become an intricate part of modern agricultural mechanics. In fact, defective soldering can cause equipment failure. Consequently, the need for top workmanship becomes imperative. With the help of this Microsoft® PowerPoint® presentation, become familiar with flux and solder types (solid wire, core wire, ribbon, bar) and their specific application, as well as develop a working knowledge of preparation. Collaborator: Billy Harrell, Ph.D., Sam Houston State University. 26 slides
CEV70076 (PowerPoint) \$49.00

Residential Electrical Wiring Skills

Using an electrical demonstration board, the featured expert demonstrates how to wire three circuits commonly found in most residents: a duplex receptacle, a lighting fixture controlled by a dimmer switch and a three-way lighting circuit. Then, the circuits are wired to a breaker panel box and tested. A supplement is included.
CEV00858 (VHS/DVD) \$95.00

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