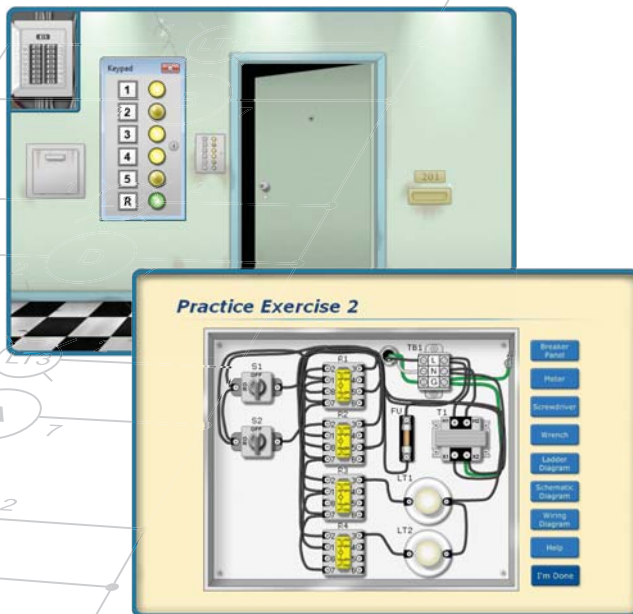
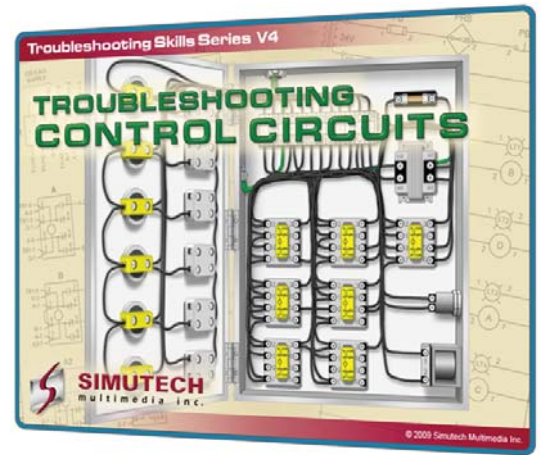


TROUBLESHOOTING CONTROL CIRCUITS

Learn and practice proven techniques for effective electrical troubleshooting with these realistic control circuit simulations.

Help Your Staff Become Better Control Circuit Troubleshooters

- Develop their troubleshooting skills with hours of hands-on learning.
- Learn the fundamentals of how control circuits and their components operate.
- Master the most effective techniques and methods for finding defects on control circuits.
- Let them perfect their control circuit troubleshooting process with continual practice in a safe environment.

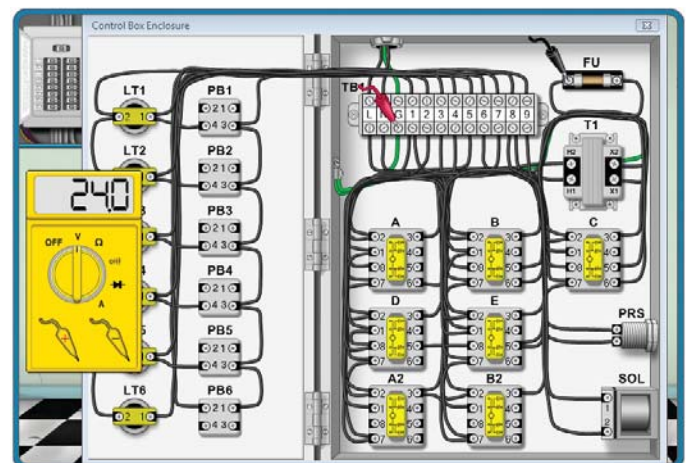


Program Features

- Hands-on learning and practice focusing on control circuit specific troubleshooting strategies.
- Several realistic control circuit simulations with over 50 challenging faults to solve.
- Printable resources such as circuit diagrams, flowcharts, and worksheets.
- Detailed feedback on their troubleshooting process and comprehensive evaluation of their troubleshooting skills.
- Choose between North American or European design standards.

Who Is It For?

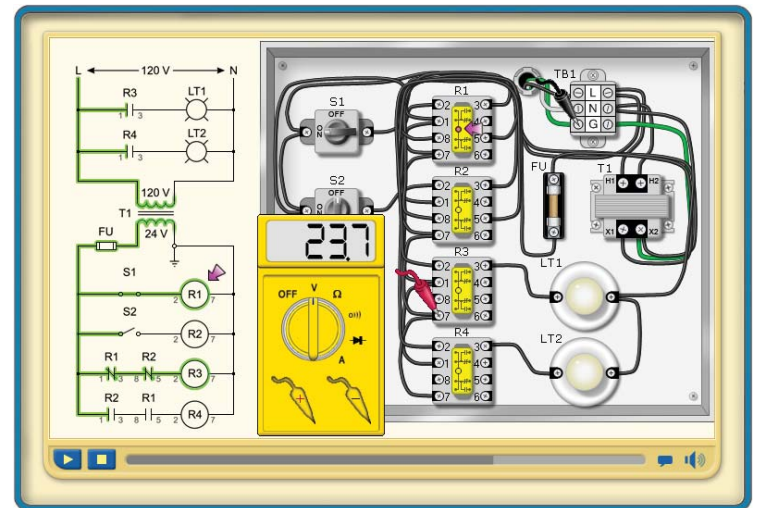
- Anyone who needs to maintain and troubleshoot electrical equipment.
- Ideal for any size of formal training program in industrial training departments.
- Highly effective as a self study training program.
- Invaluable for learning skills that are directly transferrable to the workplace.



What Your Staff Will Learn

This program will help your staff develop the skills to safely and efficiently troubleshoot all types of control circuits.

- Learn 10 valuable troubleshooting tips including finding malfunctions caused by multiple component failures and locating intermittent faults.
- Improve their technique for troubleshooting control circuits.
- Learn how control circuits and their typical components such as relays, transformers, and switches operate.
- Develop the ability to use diagrams to determine the function and operation of control circuits and how to locate components and connections.

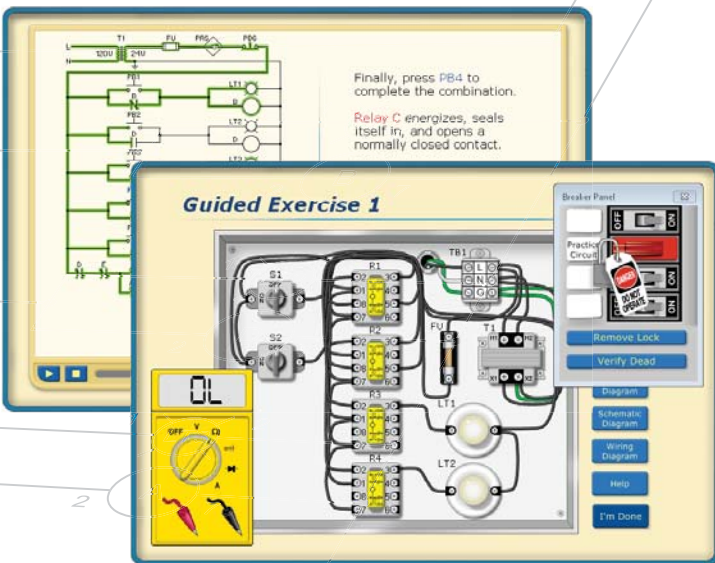


Two Unique Control Circuit Simulations

The **practice circuit simulation** consists of a transformer, a fuse, several relays, switches, and lights.

The **electric door lock circuit** is a more complex simulation that puts trainees in a realistic environment where they will refine and test their control circuit troubleshooting skills.

- Input combinations to unlock the door.
- Take voltage, resistance and current readings with a multimeter.
- Repair and replace electrical components.
- Disconnect and ring out wires.
- Trace and replace wires.



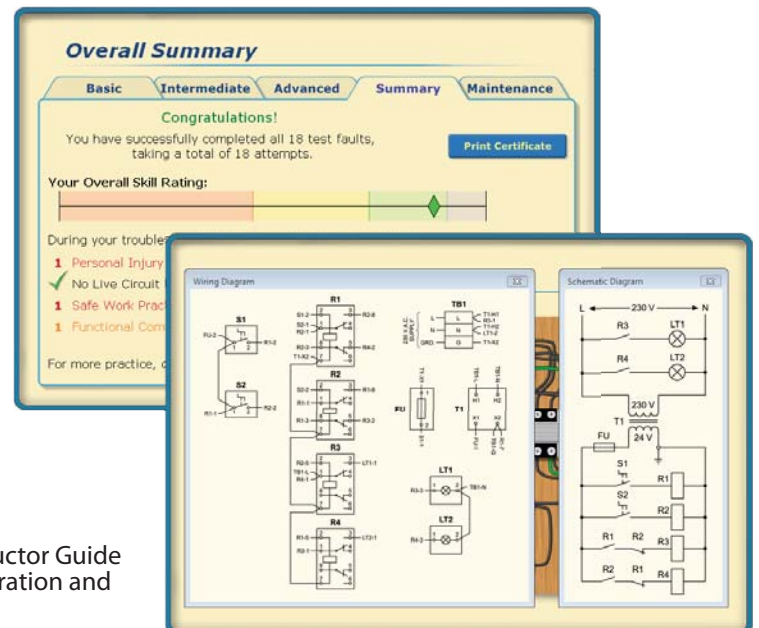
Evaluating Skill

Track the development of skills with comprehensive evaluation for each trainee through the entire program.

- Detailed individual fault attempt assessments.
- Get continual feedback with Overall Skill Ratings.
- Determine areas for improvement with their Overall Summary.

Valuable Resources

- Flowchart, Worksheets, Schematics and Wiring Diagrams.
- Extensive Help System and printable Certificate of Completion.
- Instructor resources with the Enterprise Edition include an Instructor Guide and the Simutech Course Manager software for course administration and learning management.



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