



Southern California Regional Transit Training Consortium

SYLLABUS

COURSE NAME: Electrical System Diagnosis for Transit

Course Item Number: SC-EL-1600-I

Prerequisites: DVOM Course, (preferred) or thorough understanding of meters or equivalent experience.

Course Description:

The class is designed to improve technicians' basic electrical skills and circuit diagnosis. Students will be working with a Digital Volt Ohm Meter (DVOM), in real circuit conditions.

Course Benefits:

The benefit of this course is designed to prepare the students for advanced electrical circuits, schematic reading and circuit troubleshooting. Students will gain knowledge about series and parallel circuit construction, voltage drop techniques and problem solving skills needed for relay controlling circuits.

What you will learn:

- Use of meters in troubleshooting electrical circuits
- Basic schematic symbol reading
- Series and Parallel circuit theory
- Voltage drop techniques
- Electric circuit problem solving
- Relay control circuits
- Circuit component analysis

Number of Days: 2

Continuing Education Units (CEU): 0

Register **today** to reserve a spot
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