



Southern California Regional Transit Training Consortium

COURSE NAME: **Electrical System Diagnosis for Transit**

Course Item Number: **SC-EL-1600-I**

Prerequisites: DVOM Course, (preferred) or thorough understanding of meters or an 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. The class is a combination of lecture and lab.

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 proper diagnosis and repair of alternatively fueled vehicles.

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
- Sensor and Actuator Circuits
- Circuit component analysis

Course Times: 7:00am - 3:30pm each day. (SUBJECT TO CHANGE – CHECK REGISTRATION)

Number of Hours/Days: 16 Hours over 2-Days

Continuing Education Units (CEU): 0

Register **today** to reserve a spot
www.scrttc.com