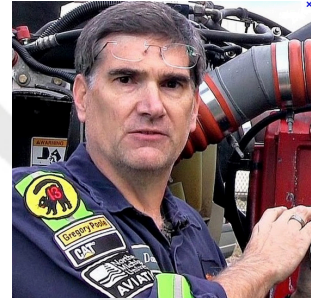


Essential Electrical Diagnostics Training Class

Description: ESSENTIAL ELECTRICAL DIAGNOSTICS is a comprehensive, hands-on course designed specifically for technicians. It applies to those who work in the heavy equipment and truck industry or in an industrial setting. This course teaches all of the necessary fundamental electrical concepts that up-to-date technicians need to troubleshoot electrical systems. It also prepares technicians for higher level training.



The highlight of the class will be learning how to use the VOLTMETER with greater accuracy and confidence to avoid the costly and annoying practice of disconnecting circuits and using the OHMMETER with jumper wires. Students will build OEM-based circuits, use these circuits for experimentation and meter/schematic reading exercises, and **at the end of the class, will have a 5-HOUR hands-on DIAGNOSTIC & REPAIR test where they will diagnose and repair 30 faults in six circuits - never using the OHMMETER.**

This class covers the full range of the principles of electrical troubleshooting — from Ohm's Law to Fundamental Computer Diagnostics — but it IS NOT a watered-down curriculum. The course is fast-paced and very demanding, yet easily grasped and very effective because it uses hands-on, practical projects that parallel the discussion and lecture.

Focus is on DIAGNOSTIC THINKING, CIRCUIT ANALYSIS and SYSTEM OPERATION.

Students must bring their digital multimeters and schematics of the trucks, equipment or other systems they work on.

- ≈ This class is 75% Hands-on Training
- ≈ Practical lessons based in theory
- ≈ Basic & Advanced Digital multimeter reading
- ≈ Schematic reading & diagnostics
- ≈ Voltmeter-only diagnostics
- ≈ Circuit building-and circuit Analysis
- ≈ Digital diagnostic theory
- ≈ Management of the work environment

4-5 Days

\$975.00*

COURSE NAME: ESSENTIAL ELECTRICAL DIAGNOSTICS

COURSE
LENGTH:

32
HOURS

MAX.
SIZE:

12
STUDENTS

%
THEORY:

25

% HANDS-
ON:

75



Sullivan Training Systems

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919-656-4554

*Fee: per student, all inclusive, for the four-day class. MINIMUM 8 students to avoid travel costs.
Price includes FET Shopbok & 1 set LOADpro® Enhanced Voltmeter Leads per student.
Results guaranteed.