



C.A.N. SYSTEMS LIVE CLASSROOM TRAINING

This live classroom training course will provide a thorough understanding of the two common types of networking systems used on vehicles today, how to diagnose a multitude of networking issues, and have the ability to fully understand the networking power of today's ever-increasingly complex vehicles.

This course will cover networking high and low-speed circuits, nodes, sub-nodes, data bus circuitry, star vs. loop configurations, and vehicles using these newer systems. A heavy emphasis will be placed on scan tool diagnostics and wiring schematics interpretation to diagnose these systems.

This class uses case studies and live vehicles during the course's hands-on portion to allow the technician to perform system diagnostics. A digital meter and other various tools, including a labscope, will be used extensively throughout the course.

9 Minimum Study Hours

COURSE OBJECTIVES:

- ✓ Define an automotive networking system
- ✓ Describe how individual vehicle components all connect to a common communications network
- ✓ List the advantages and disadvantages of a common communications network
- ✓ Illustrate the difference between star and loop networks
- ✓ Understand how to isolate individual modules for diagnostics
- ✓ Recall the difference between high-speed and low-speed networks
- ✓ Demonstrate the use of a scan tool for networking diagnostics
- ✓ Define data bus circuitry through wiring schematics
- ✓ List the safety procedures to be followed



Accredited Training Provider