

STATE

TRUCK CENTER

2012 Training Schedule

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Heavy Duty Truck Systems: (CVG01) This course is a basic introduction to the use of the tools and techniques that are needed to diagnose and repair today's modern Freightliner vehicles. This course shows service technicians how to get the most out of Daimler Trucks service publications and software learning how to successfully perform common service tasks. This course will also give technicians information on air and hydraulic brake systems, including sub-systems, and system components. Technicians learn how the system and components are designed, how to operate and interact with other systems and learn how to diagnose problems and repair them.

HVAC Service & Diagnostics:(CVH01) This course covers the operation and diagnosis of HVAC systems. Technicians learn where to find service and maintenance information as well as how to service the A/C system. They learn refrigerant recovery and recycling procedures, safety precautions, purging, flushing, evacuation, recharging and testing. They will work hands on by practicing the servicing procedures during class. Technicians will learn how to become EPA Certified in air conditioning. They will also learn how to perform, performance testing on A/C systems, using gauges and checking for system leaks.

Electrical Problem Solving:(CVE01) The Electrical Problem Solving course is designed to guide the technician through a step-by-step process to learn and analyze electrical circuits, draw a schematic diagram of the main components, determine the best test points, estimate the values that a working circuit should exhibit at those test points and determine whether the circuit is good up to the test point. By repeating parts of this procedure, any circuit can be correctly diagnosed. Technicians in this class practice troubleshooting real circuits on a test board using the voltmeter mode and then switching to the ohmmeter mode. Once the students are comfortable with the techniques and rules of diagnostics, they practice using Daimler Trucks North America software to obtain and use schematics and wiring harness drawings.

Cascadia Troubleshooting and Maintenance(CVM02) This course highlights the new systems and features of the Cascadia similarities and differences in comparison with the Columbia/Century Class. The course places strong emphasis on troubleshooting exercises and developing diagnostic skills for Cascadia technicians. The technicians will also work hands on with Service link 4.0 they will communicate with the use of templates to see the features of the New Cascadia Vehicles. They will also get to know the new power distribution module systems, components, features and operations.

Electronic Systems Course (CVE05): Covers the analysis and troubleshooting of the electronically-controlled systems on heavy-duty vehicles. Instead of learning the specifics of each of the many systems used aboard heavy-duty vehicles, technicians will learn to use the different resources available to them to perform effective, efficient repairs. What will be covered, ECU and sensor operation, J1587, J1939, and CAN datalink operation and troubleshooting, Multiplexing theory and, ServiceLink, ServicePro, EZWiring, and their applications.

7 Training Locations Available:

Click Locations below for more info

**Inver Grove Heights, MN • Blaine, MN • Billings, MT •
Missoula, MT • Great Falls, MT • Sioux Falls, SD • Sioux City, IA**

Fees for classes:

\$300.00 per Student per day.

Class sizes:

**Are limited to 10 Students and minimal
of 4 Students.**

**Classes are subject to
Reschedule if minimum is not met.**

****Register right away!****

Contact:

Kevin Bestul
11152 courthouse Blvd.
Inver Grove Heights,
MN 55077
Toll Free: 888-377-6590
Fax: 651-455-9497
Cell: 651-356-2838

Class Schedules

Please click on the link below

[Register For Class](#)