



CTI Season Line-up Alsip, IL

Region #: CHI-2808-4

Location: TBA

Course #	Course Name and Description	Hours	Dates
AD-514	Vehicle Data Network Diagnosis Vehicle data networks, which have been around for decades, allow multiple modules in an automobile to share information through the use of a one or two-wire data bus. When communication between modules breaks down, the results can sometimes be confusing. This course uses real world examples to illustrate the logical diagnostic process needed to solve complex network communication faults on modern vehicles.	8	2/8/2010 - 2/9/2010
Instructor:	Louie Nelson		
TFT-100	Total Fuel Trim Diagnosis Fuel Trim is the technician's best chance to find the right diagnostic path to solving most all drivability and engine performance problems. This course will dispel the myths about short and long term fuel trim and the instructor will introduce the concept of Total Fuel Trim. It is important that the PCM's total fuel modification be taken into consideration when diagnosing these problems. The effects of Rear Fuel Trim found on most all vehicles today, will also be explained. This is a must see class that will open your eyes to the power of Total Fuel Trim diagnosis.	4	4/20/2010 - 4/20/2010
Instructor:	Louie Nelson		
AD-510	Developing Diagnostic Strategies for OBD-II No Starts This course covers the diagnostic strategies used when faced with today's 'Crank but No-Start' condition. Several new fast diagnostic techniques will be discussed to give the technician accurate direction early in the diagnostic process. Specific information will cover Ford PATS anti-theft systems. A general diagnostic strategy needed to diagnose anti-theft systems will enable the technician to effectively deal with these issues.	8	6/21/2010 - 6/22/2010
Instructor:	Louie Nelson		
VSS-101	Domestic Vehicle Security Systems Operation Vehicles have been equipped with factory installed security systems since the early 1990's as a means to prevent vehicle theft. When these systems malfunction they also prevent normal vehicle operation. Proper diagnosis of modern vehicle security systems requires a thorough understanding of the various systems and components used by each vehicle manufacturer. This course covers the theory and operation of the vehicle security systems used by General Motors, Ford and Chrysler.	4	8/16/2010 - 8/16/2010
Instructor:	Louie Nelson		
VSS-102	Domestic Vehicle Security Systems Diagnosis This course is a follow-up to VSS101. In this course you will learn necessary techniques to properly diagnose vehicle security system issues found in vehicles manufactured by General Motors, Ford and Chrysler. This course also covers the use of essential OEM tools and aftermarket solutions when the OEM tool is unavailable.	4	8/17/2010 - 8/17/2010
Instructor:	Louie Nelson		
NVT-301	Variable Valve Timing System Diagnosis Variable Valve Timing (VVT) systems have been in production for over 20 years and today are used by every manufacturer to provide torque and emissions controls by manipulating the timing of the valve train. This system is quite complicated and is susceptible to lack of maintenance issues. Diagnosis is a challenge without a good understanding of how the various systems work and how to use the scan tool to diagnose their operation. This course focuses on operating strategies and failure modes coupled with common pattern failures found on today's VVT systems.	8	10/11/2010 - 10/12/2010
Instructor:	Louie Nelson		

Times are 6:00 pm to 10:00 for Monday - Thursday classes; 8:00 am to 5:00 pm for Saturday classes.

Check with your local CARQUEST Store for changes and/or updates.

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NVT-300	Gasoline Direct Injection Diagnosis Gasoline Direct Injection (GDI) systems are becoming common place on late model cars and light trucks. This variation of fuel injection delivers the fuel charge directly into the combustion chamber much like a diesel using a common rail system. The potential benefits of GDI are increased fuel efficiency and power. Of course the GDI fuel control strategies are different than normal MPFI systems and maintenance opportunities present new challenges to the aftermarket repair facility. This class will cover these topics which will enable you to effectively service and maintain GDI systems found on GM, Toyota, Isuzu, Mitsubishi, VW/Audi, Saturn and Mazdas	8	12/13/2010 - 12/14/2010
Instructor:	Louie Nelson		

Times are 6:00 pm to 10:00 for Monday - Thursday classes; 8:00 am to 5:00 pm for Saturday classes.

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Tuesday, March 16, 2010

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