



CTI Season Line-up Merrillville, IN

Region #: CHI-100-9

Location: TBA

Course #	Course Name and Description	Hours	Dates
ETT-108	New Equipment Technologies 2008 Every year new tool and equipment technologies are developed that may or may not provide you with the opportunity to improve your bottom line. This course will focus on diagnostic equipment technologies that our staff has tested in the CTI Research Center. This version of the class will focus on the new OE scan tool platforms that are coming and how the aftermarket technician can access or emulate these systems in their bay. The purpose of this course is to help prepare technicians and shop owners to be informed consumers before making a large purchase of equipment. This is not a sales pitch!	4	10/15/2009 - 10/15/2009
Instructor:	Louie Nelson		
HYB-200	Hybrid Vehicle Service The Hybrid vehicle segment is the fastest growing market in North America. With over 700,000 vehicles sold as of January 2007 it is only a matter of time before your customers who own a hybrid vehicle visit you requesting maintenance services. While there are many safety issues that need to be addressed when servicing hybrids, the reality is there are only a few services that require factory tools. Hybrid vehicles all have internal combustion engines that need oil changes, tune ups and carbon services. They all have brake and suspension systems that you can service along with cooling systems, tires and transmission fluid services. This course covers the unique service issues you will find on the most popular hybrid vehicles that will show up in your bays. This is a must class for your business to be prepared to compete with the OE dealers for your customers future business.	8	12/9/2009 - 12/10/2009
Instructor:	Louie Nelson		
OBD-208	Reprogramming Strategies One of the most critical decisions a shop makes today deals with reprogramming the PCM on today's vehicles. While it is necessary many times to reprogram a PCM, the shop must make the decision whether to purchase the tooling necessary to do the job in house or to farm it out to the dealer. In many cases the J-2534 reprogramming standard which was meant to make it easy to reprogram vehicles, has led to much confusion in the field. This course focuses on delivering the truth about reprogramming including both OE and J-2534 methods. You will come away with specific J-2534 procedures to make this strategy successful. You will also understand the limitations of J-2534 and the advantages of using the OE scan tool to reprogram. At the end of the day you will be able to make the best decision for your shop.	8	3/31/2010 - 4/1/2010
Instructor:	Louie Nelson		
EE-101	CTI Specialized Electronics Training Module One This is the first of three modules designed to give technicians the skills to properly apply the fundamentals of electronics in today's vehicles. Module 1 focuses on the fundamentals of electricity with particular interest in relating them to real world situations. Each student will learn to apply the basics of testing such as voltage drop through the use of wiring diagrams and basic test equipment on various types of circuits. The goal of this course is to establish a foundation for those new to electronics and to provide an up to date review of electronic principles to those who have been in the business before moving on to more complex topics in Modules 2 & 3.	8	6/2/2010 - 6/3/2010
Instructor:	Louie Nelson		
AD-508	Developing Diagnostic Strategies for Ignition Systems Modern ignition systems are becoming increasingly difficult to diagnose. This course provides an in-depth analysis of late model ignition systems using a digital storage oscilloscope. Vehicles with ignition system problems will be used as examples of how to use the theory of ignition to diagnose and make repairs. Diagnosis of primary and secondary ignition systems will be discussed. Normal patterns will be used when discussing ignition system theory enabling the technician to identify problems within a waveform.	8	8/4/2010 - 8/5/2010
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.

Location: TBA

<i>Course #</i>	<i>Course Name and Description</i>	<i>Hours</i>	<i>Dates</i>
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	10/13/2010 - 10/14/2010

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.

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