



CTI Season Line-up North Hollywood, CA

Region #: RIV-7703

Location: CARQUEST of N. Hollywood, 10452 Magnolia Blvd.

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	12/7/2009 - 12/8/2009
Instructor:	Mark Olinger		
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	2/1/2010 - 2/2/2010
Instructor:	Mark Olinger		
OBD-205	Controller Area Network Diagnosis Controller Area Network (CAN) is the new standard communication protocol between the scan tool and the vehicle that will be fully implemented by 2008. Starting in 2005 this new robust system will be phased in to approximately 25% of the fleet each year. CAN has been around for many years on Euro and some other domestic vehicles and will provide many new enhancements to your diagnostic capabilities. This course will cover the basics of CAN, how to recognize a CAN system and will focus on the changes that will affect your diagnostic strategies.	8	4/5/2010 - 4/6/2010
Instructor:	Mark Olinger		
AD-513	Pressure Signature Analysis Many times during the history of the automobile revolutionary diagnostic techniques have come along that changed the way we diagnose and verify the systems on the vehicle in our bay. Pressure Signature Analysis is the latest technique that can save you time and make you money when servicing any vehicle that rolls in the shop. This course covers the use of pressure transducers and flow devices that present a graphic representation of the pressures in the intake manifold, fuel rail or exhaust stream. By understanding the dynamics of these signatures you will be able to pinpoint problems in seconds that may have taken hours or days in the past. Coupled with scan data analysis, this information will take your diagnostic skills to new heights.	8	6/7/2010 - 6/8/2010
Instructor:	Mark Olinger		
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	8/2/2010 - 8/2/2010
Instructor:	Mark Olinger		

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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VWA-100	Volkswagen Audi Diagnosis Many technicians shy away from the VW or Audi platforms because they don't understand the way they manage scan data or the way they display wiring diagrams. However these popular European platforms can be your next best profit opportunity because they break often and are easy to repair. The use of track wiring diagrams seems to bring fear to the minds of most techs. This course will dispell those fears and help you understand how to find the direction you need. The use of aftermarket scan tools is also a primary focus of this class helping you leverage the tools you already own when diagnosing these vehicles. Topics covered include display groups, adaptation, coding and programing as well as the limitations of aftermarket tools.	8	10/18/2010 - 10/19/2010

Instructor: Mark Olinger

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