

Location: Brampton, ON

| <i>Course #</i> | <i>Course Name and Description</i> | <i>Hours</i> | <i>Dates</i> |
|--------------------|---|-----------------|---------------------|
| 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. | 2 Nights | 2,3 Nov 09 |
| Instructor: | Scott Weatherall | | |
| TOY-200 | Toyota OBD-II Diagnostics This course covers the unique aspects of 1996 and newer OBD systems found on Toyota vehicles. Toyota uses many unique systems and components that will be detailed allowing CTI technicians to effectively diagnose Toyota OBD-II issues. Each OBD monitor will be covered highlighting the unique systems with a focus on developing diagnostic strategies that will enable technicians to diagnose Toyota OBD systems in a quick and efficient manner. Unique systems include Toyota Air/Fuel Ratio sensor, Toyota EVAP systems, Toyota EI systems and Toyota Total Fuel Trim information. | 2 Nights | 1,2 Feb 10 |
| Instructor: | Scott Weatherall | | |
| OBD-209 | Key off EVAP System Diagnosis Most manufacturers have recently migrated their EVAP monitors from those that run during a normal drive cycle to those that run while the vehicle is parked overnight. This course covers these systems which can be somewhat confusing and difficult to diagnose. Some of these systems require over 16 hours of testing data to be captured before making a decision for pass or fail. These systems also consist of small leak tests of 0.020" which are challenging current technology leak test methods. You will learn how to use new technologies to find these leaks as well as understand how these monitors run so you can duplicate the process in your bay. | 2 Nights | 1,2 Mar 10 |
| Instructor: | Scott Weatherall | | |
| 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. | 2 Nights | 12,13 Apr 10 |
| Instructor: | Scott Weatherall | | |
| 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. | 2 Nights | 10,11 May 10 |
| Instructor: | Scott Weatherall | | |

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