

Location: Ottawa, ON

<i>Course #</i>	<i>Course Name and Description</i>	<i>Hours</i>	<i>Dates</i>
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	10/5/2009 - 10/6/2009
Instructor: James Shields			
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: Jeff Taylor			
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: Jeff Taylor			
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.	8	3/1/2010 - 3/2/2010
Instructor: James Shields			
EE-201	Battery Starting & Charging System Diagnosis What should be a staple in your diagnostic arsenal has changed over the past several years because of new technologies. Diagnosis of batteries, starter and alternators now include scan tool and capacitance testing coupled with the essential electronic skills you should posses. This course focuses first on the essential skills of testing the battery, starter and alternator followed by a review of current computerized starting and charging system technologies. Then you'll follow a detailed diagnostic process to accurately diagnose and service these common complex systems.	8	4/12/2010 - 4/13/2010
Instructor: James Shields			

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.