



CTI Season Line-up Ann Arbor, MI

Region #: BAY-12001E-3

Location: Washtenaw Comm. College, 4800 E. Huron River Dr.

<i>Course #</i>	<i>Course Name and Description</i>	<i>Hours</i>	<i>Dates</i>
EE-102	CTI Specialized Electronics Testing Module Two The second of three modules. This course focuses on solid state electronics found in every corner of today's vehicles. Each electronic component will be shown in actual circuits and diagnostic strategies for each will be demonstrated. The primary focus will be on reading and using wiring diagrams. All vehicle systems will be analyzed using various diagram resources including aftermarket and OE. The goal of this module is to develop diagnostic strategies using available service information and testing equipment to effectively find direction when dealing with any vehicle electronic system.	8	1/27/2010 - 1/28/2010
Instructor:	Craig Cohen		
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	3/24/2010 - 3/25/2010
Instructor:	Craig Cohen		
AD-512	Advanced Diagnostic Challenge This course will challenge you to apply the skills you have learned or the processes you currently use to solve case studies of documented broken vehicles. CTI MINDS-ON TRAINING techniques will be used to display the data from each vehicle so all students have access to the information needed to solve each problem. By practicing problem solving in the classroom, the technician is better able to recognize the patterns in data when faced with a similar problem in their bay.	8	5/12/2010 - 5/13/2010
Instructor:	Craig Cohen		
DSL-100	Ford 7.3L Power Stroke Diagnosis The fastest growing vehicle group today is electronic diesel light and medium duty trucks. This course focuses on the popular Ford 7.3L Power Stroke. Beginning with a fundamental review of the basics of electronic direct injection systems the technician will understand how to properly test and diagnose the major systems including the fuel supply, HEUI injection, high pressure oil and exhaust backpressure regulator systems. Topics will include the use of the scan tool during diagnosis. Also included are common pattern failures and preventive maintenance service procedures.	8	7/7/2010 - 7/8/2010
Instructor:	Craig Cohen		
WTT-100	Tire Pressure Monitor Systems Tire Pressure Monitor Systems are being installed on all light vehicles in the US. By 2008 all vehicles must be equipped with a system that warns the driver of a tire pressure safety issue. The initial versions of this technology were many and varied but fairly simple to service. However the new technologies require a process to be installed in the service facility that will ensure the profitability of the repair. If a customer comes in to your shop for any tire repair or service and you don't test the sensors before the service, you will be responsible for any faulty sensor. This could cost you hundreds of dollars. Learn to properly service and repair TPMS systems profitably.	4	9/8/2010 - 9/8/2010
Instructor:	Craig Cohen		
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 programming as well as the limitations of aftermarket tools.	8	11/3/2010 - 11/4/2010
Instructor:	Craig Cohen		

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.