



## CTI Season Line-up Bradenton, FL

*Region #: OCA-2307A-9*

*Location: TBA*

<i>Course #</i>	<i>Course Name and Description</i>	<i>Hours</i>	<i>Dates</i>
<b>VSS-101</b>	<b>Domestic Vehicle Security Systems Operation</b> Vehicles have been equipped with factory installed security systems since the early 1990's as a means to prevent vehicle theft. When these systems malfunction they also prevent normal vehicle operation. Proper diagnosis of modern vehicle security systems requires a thorough understanding of the various systems and components used by each vehicle manufacturer. This course covers the theory and operation of the vehicle security systems used by General Motors, Ford and Chrysler.	<b>4</b>	<b>5/17/2010 - 5/17/2010</b>
<b>Instructor: Steve Evanoff</b>			
<b>VSS-102</b>	<b>Domestic Vehicle Security Systems Diagnosis</b> This course is a follow-up to VSS101. In this course you will learn necessary techniques to properly diagnose vehicle security system issues found in vehicles manufactured by General Motors, Ford and Chrysler. This course also covers the use of essential OEM tools and aftermarket solutions when the OEM tool is unavailable.	<b>4</b>	<b>5/18/2010 - 5/18/2010</b>
<b>Instructor: Steve Evanoff</b>			
<b>AD-513</b>	<b>Pressure Signature Analysis</b> 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.	<b>8</b>	<b>7/28/2010 - 7/29/2010</b>
<b>Instructor: Steve Evanoff</b>			
<b>EE-103</b>	<b>CTI Specialized Electronics Testing Module Three</b> Technology is rapidly changing in the automotive world. Electrical and electronic circuitry seems to permeate every system of the vehicle and continues to get more complex. Diagnosing and repairing these complex vehicle systems requires diagnostic tools that provide accurate information. The digital multi-meter, or DMM, is one of the most basic and most common pieces of diagnostic equipment. In this class you will learn how to fully leverage the DMM and will be introduced to a new revolutionary diagnostic technique using a simple DMM.	<b>8</b>	<b>9/13/2010 - 9/14/2010</b>
<b>Instructor: Steve Evanoff</b>			
<b>ETT-108</b>	<b>New Equipment Technologies 2008</b> 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!	<b>4</b>	<b>11/11/2010 - 11/11/2010</b>
<b>Instructor: Steve Evanoff</b>			
<b>NVT-301</b>	<b>Variable Valve Timing System Diagnosis</b> Variable Valve Timing (VVT) systems have been in production for over 20 years and today are used by every manufacturer to provide torque and emissions controls by manipulating the timing of the valve train. This system is quite complicated and is susceptible to lack of maintenance issues. Diagnosis is a challenge without a good understanding of how the various systems work and how to use the scan tool to diagnose their operation. This course focuses on operating strategies and failure modes coupled with common pattern failures found on today's VVT systems.	<b>8</b>	<b>1/5/2011 - 1/6/2010</b>
<b>Instructor: Steve Evanoff</b>			

*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.*

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<b>AD-514</b>	<b>Vehicle Data Network Diagnosis</b> 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.	<b>8</b>	<b>3/9/2011 - 3/10/2011</b>

**Instructor: Steve Evanoff**

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