



CTI Season Line-up
San Jose, CA

Region #: SAC-201A-4

Location: TBA

Course #	Course Name and Description	Hours	Dates
OBD-202	Enhanced OBD-II Misfire Diagnostics This class starts with a review of OBD-101 and continues to the individual monitors. This class covers the misfire monitor on import and domestic OBD-II vehicles of today. Discover how to recognize the different reasons a misfire code may be set and how to diagnose them. This class will bring you up to date on the misfire monitors used on import and domestic vehicles.	8	11/2/2009 - 11/3/2009
Instructor: Adam Robertson			
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	2/15/2010 - 2/16/2010
Instructor: Adam Robertson			
EE-210	Advanced Current Probe Diagnostics The use of a low amp current probe and a digital storage oscilloscope has become one of the most valuable tools in a diagnostic technician's tool box. CTI introduced current probe diagnosis in EE-206 by covering fuel pump, fuel injector and primary current analysis. This course expands the use of this technique by exploring primary ignition systems, idle control circuits, cooling fan motors and many other unique strategies.	8	4/12/2010 - 4/13/2010
Instructor: Adam Robertson			
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	6/14/2010 - 6/15/2010
Instructor: Adam Robertson			
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	10/11/2010 - 10/12/2010
Instructor: Adam Robertson			
PK-201	Catalytic Converter Service In today's service facility, making the right choices when diagnosing and replacing catalytic converters is critical in order to stay in compliance with ever-changing laws and to maximize profitability while still taking care of your customer. CARQUEST Technical Institute has developed this course to help you understand the key issues when dealing with catalytic converters. Laws are changing as we speak, and it is your responsibility to understand them so you stay out of trouble and leverage them to provide your customer with the best solution.	4	-
Instructor: Adam Robertson			

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.