



CTI Season Line-up Omaha, NE

Region #: DES-1811-7

Location: TBA

<i>Course #</i>	<i>Course Name and Description</i>	<i>Hours</i>	<i>Dates</i>
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	1/5/2010 - 2/5/2010
Instructor: Randy Briggs			
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	4/20/2010 - 4/21/2010
Instructor: Randy Briggs			
NVT-300	Gasoline Direct Injection Diagnosis Gasoline Direct Injection (GDI) systems are becoming common place on late model cars and light trucks. This variation of fuel injection delivers the fuel charge directly into the combustion chamber much like a diesel using a common rail system. The potential benefits of GDI are increased fuel efficiency and power. Of course the GDI fuel control strategies are different than normal MPFI systems and maintenance opportunities present new challenges to the aftermarket repair facility. This class will cover these topics which will enable you to effectively service and maintain GDI systems found on GM, Toyota, Isuzu, Mitsubishi, VW/Audi, Saturn and Mazdas	8	6/8/2010 - 6/9/2010
Instructor: Randy Briggs			
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	7/6/2010 - 7/6/2010
Instructor: Randy Briggs			
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	8/3/2010 - 8/4/2010
Instructor: Randy Briggs			
VSS-101	Domestic Vehicle Security Systems Operation 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.	4	-
Instructor: Randy Briggs			

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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VSS-102	Domestic Vehicle Security Systems Diagnosis 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.	4	-
Instructor:	Randy Briggs		

Times are 6:00 pm to 10:00 for Monday - Thursday classes; 8:00 am to 5:00 pm for Saturday classes.

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Monday, March 01, 2010

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