



CTI Season Line-up Riverhead, NY

Region #: ARM-1200-4

Location: Harry B. Ward Tech HS- 970 N. Griffing Ave, Riverhead, NY 11901

Course #	Course Name and Description	Hours	Dates
AC-201	Automatic Temperature Control Systems Diagnosis Today's vehicles present complex challenges to mobile HVAC technicians. While the refrigerant systems may be difficult to repair, the electronics that control the operation of these 'automatic' systems are every bit as difficult to diagnose as the engine management systems. They use the same communications bus and diagnostic logic which require specialized scan tools and diagnostic strategies to successfully solve the vehicle owners concerns. This course covers the basics of automatic HVAC controls, strategies and diagnostics which will enable you to effectively diagnose and repair these complex systems.	8	5/18/2009 - 5/19/2009
Instructor: Pete Orlando			
HYB-200	Hybrid Vehicle Service The Hybrid vehicle segment is the fastest growing market in North America. With over 700,000 vehicles sold as of January 2007 it is only a matter of time before your customers who own a hybrid vehicle visit you requesting maintenance services. While there are may safety issues that need to be addressed when servicing hybrids, the reality is there are only a few services that require factory tools. Hybrid vehicles all have internal combustion engines that need oil changes, tune ups and carbon services. They all have brake and suspension systems that you can service along with cooling systems, tires and transmission fluid services. This course covers the unique service issues you will find on the most popular hybrid vehicles that will show up in your bays. This is a must class for your business to be prepared to compete with the OE dealers for your customers future business.	8	9/14/2009 - 9/15/2009
Instructor: Pete Orlando			
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	11/16/2009 - 11/17/2009
Instructor: Pete Orlando			
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	2/1/2010 - 2/2/2010
Instructor: Pete Orlando			

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.