



# 2010 Hybrid Update & Regenerative Brakes and Inverter Controls

Given by **Craig VanBatenburg** of **Automotive Career Development Center**

Saturday  
May 1, 2010

**Community College of  
Baltimore County**  
(formerly Catonsville Community College)

800 South Rolling Road  
Building R, Parking Lot 7  
Baltimore, Maryland

All Day: 8:00am - 5:00pm

Registration per person (includes lunch)

**\$259.00 for WMDA or CAR members**

**\$299.00 for non-members**

*Seating is limited - register now!*

The 2010 Hybrid Update portion of the class will address:

The many new hybrids that were introduced in 2009, plus a few new recalls and TSB's that you should be aware of. This class goes way beyond entry level so you can fix most anything hybrid that comes your way. ACDC's CEO Craig Van Batenburg will be your instructor for a fast four hours of hybrid training. Your questions will be answered. Craig is coming to your area with one of his hybrids loaded with hybrid parts and equipment. He will be focusing on getting you past the fear of high voltage systems and ready to service these hybrids. This is geared for techs with hybrid experience.

The Regenerative Brakes and Inverter Controls portion of the class will address:

This section is designed to add to your hybrid education by explaining in detail the regenerative braking system on three models of hybrids; the 2004 - 2009 Prius, Ford Escape HEV 2005-2007 and the Honda Civic HEV 2003 -2005. Most other systems are similar to these three. You will learn the electric motor, motor control and hydraulic system and how they interrelate. Also how to bleed the system and common problems. ACDC will get you up and running in the hybrid brake segment so that you will feel ready for hybrid repair and service.

Don't let your best customers leave your shop because you can't fix and service their new Hybrid. **There are over 1,900,000 hybrids in the US, tens of thousands in Canada and over 250,000 in Europe.**  
**What are you waiting for?**

## Craig VanBatenburg

Craig has taught hybrid classes in more places and for more people than any other instructor around. **Some 7,500 techs and others have heard him speak.**

**Craig Van Batenburg** is the owner of ACDC. He and his wife Deb offer management seminars internationally. His style of training is down-to-earth, knowledgeable, and dynamic. To stay current with changes in automotive technology, he receives over 150 hours of training annually. Craig is a certified trainer with the **Automotive Management Institute (AMI)**; a graduate of AMI with his Accredited Automotive Manager designation; member of SAE and the Automotive Service Association. He is a certified **ASE Master Technician** with advanced level (L1) skills. Craig has been a tech all of his adult life, first at Japanese dealerships and then at his own Independent 'Japanese Only' repair shop. Craig's **40 years of experience** will guarantee a very informative and entertaining session with something for everyone.



**Presented by:**



**CAR**  
Council of Automotive Repair  
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