

March 24, 2010

MEMORANDUM

TO: Career and Technical Education Directors
Technical Center Directors
Florida College Occupational Deans

FROM: Loretta Costin, Interim Chancellor
Division of Career and Adult Education
Florida Department of Education

SUBJECT: Available Summer Training for Automotive Instructors

Your automotive instructors are invited to participate in the 7th annual Florida Automotive Instructors Summer Training Workshop. This workshop is a cooperative effort between The Florida Automobile Dealers Association, The Central Florida Auto Dealers Association, Automotive Youth Educational Systems (AYES), the Florida Department of Education, Southeast Toyota Distributors, Toyota Motor Sales, BMW, Subaru, Melior, Snap-on Tools Hunter Engineering and CDX to provide you with advanced training in the following areas:

BMW - F01 – BMW X6 Hybrid Technology - John Burch

This is BMW's most advanced vehicle in the hybrid technology field. We will be covering high voltage systems, advanced electric machines and safety aspects of this new technology. Safety is a major portion of this training, the new control of these Hybrid systems is also a major topic. Additional systems added to this vehicle to make it drive like a BMW are also highlighted.

Toyota – Technical Information Systems and Electronic Throttle Systems

TIS is our library of all tech information and access will once again be given to all attendees.

Snap-on – 2010 Technology Update in three parts - Joe Rappa

As Automotive Diagnostics continues to rapidly evolve, so does the capabilities of your Snap-on Diagnostic Equipment.

1st Course - This course covers some of the recent changes to the Snap-on Scanner Software as it relates to these changes. Topics include Tire Pressure Monitor System Changes, Diesel Diagnostics, including Diesel Particulate Filter Regenerations, Electronic Power Steering and New Charging System Controls.

2nd Course – Balance Force Harmonics:

Utilization of 3D Imaging allows multiple lasers to obtain images of the total tire/wheel assembly with proven technology. This technology provides a total diagnostic ride control center while eliminating the need for operator input and tire and rim contact.

3rd Course – Advanced multimeter functions and multimeter safety when working with hybrid vehicles. Multimeters must have certain safety ratings in order to be used on hybrids as well as the safety tools that go with it.

Subaru – Technical Overview - Michael Wedgeworth

A light Technical overview of Subaru horizontally opposed piston engines, including explanations of variable valve systems. The class will also discuss AWD systems on both manual and automatic transmissions

Hunter Engineering – Steering Angle Sensor Reset - Larry Watson

The new last step in the alignment process. We will discuss when steering angle sensors should be reset, what may happen if they are not and proper procedures to assure a successful result. Electronic Stability Control, Steer by Wire and Variable Rate steering will also be addressed.

Optional Friday classes:

Today's Class – This class will cover the newest "instructor requested" updates to the ideas and best practices in the use of this cost effective tool and deployment of e-learning will be discussed

CDX Global – CDX Automotive will provide training on its key features. This 4-hour class will include: NATEF Tasksheet Tracking and Reporting, Assessments, Diagnostics, Using the DVOM Simulation, and several other useful functions for instruction and e-learning.

NATEF Update – James Zink

The class will cover new developments and "ETL" training - how are ETL's trained and what are they looking for?

The summer training** is open to all Florida automotive instructors and will be conducted by industry trainers at the facilities of Mid-FL Tech, 2900 West Oak Ridge Road, Orlando, FL 32809, Building 400, from **June 14-18, 2010**. This Training will satisfy NATEF and AYES Continuing Education requirements.

****Space for this event is limited, and registrations will be accepted on a first-come, first-served basis through April 30, 2010 via our online registration system.**

TO REGISTER: Click the following link:

https://www.regonline.com/2010_FL-AIST

The training is free; but travel, room and board are the responsibility of the individual or institution.

If you have any questions about the training and/or registration, please contact [Randy Houck via e-mail](#).

Instructors who represent NATEF-Certified Programs - and attend the complete week of training - will be entered into a drawing to win a donated vehicle for their program. The drawing will be held on Friday the 18th - and the instructor must be present to win.

Thank you.

LC/EO/df

cc: Eric Owens, State Supervisor, Transportation and Distribution Programs, DOE
Randy Houck, Director, FL AYES