

The workshop will be presented by experts from the following automotive manufacturers:

- Toyota Motor Sales
- American Honda Motor Company
- Ford Motor Company
- General Motors Corporation

Topics include:

- Hybrid technology overview
- History of the development of hybrid technology
- Hybrid drive trains
- Electrical motors/generators
- Battery pack/inverters
- Diagnostics
- Electronics/accessories
- Safety
- Compare/contrast of the leading hybrid systems
- Future of alternative fuel technology

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For further information

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SINCLAIR
COMMUNITY COLLEGE
Automotive Technology



Advanced Automotive Hybrid Technology



**A Faculty Development Program
hosted by partners from:**

- Sinclair Community College*
- Toyota Motor Sales*
- American Honda Motor Company*
- Ford Motor Company*
- General Motors Corporation*



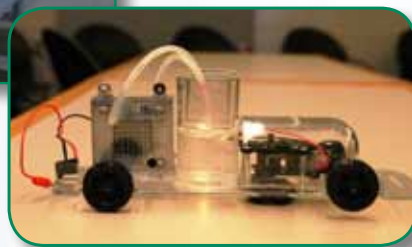
**Dayton, Ohio
August 1-5, 2011**

Advanced Automotive Hybrid Technology



One of the fastest growing segments in the automotive industry is the advancement in hybrid technology.

Sinclair Community College, in cooperation with Toyota Motor Sales, American Honda Motor Company, Ford Motor Company, and General Motors Corporation will present an Institute on Advanced Automotive Hybrid Technology. This faculty development workshop will be held in Dayton, Ohio at Sinclair's state-of-the-art automotive facility.



Participation

Participants will be selected on a competitive basis. Participation is limited to 40 college professors. To be considered for selection, a faculty member must:

- Teach at an NATEF certified community college
- Hold an ASE Certification A6, A8 (L1 Certification preferred)
- Agree to improve their curricula as a result of attending the Advanced Automotive Hybrid/Alternative Fuel Technology Institute
- Participate in follow-up activities to improve student learning, including an assessment of the workshop conducted by the Miami University Applied Research Institute
- Participate in five full days of learning

Program

The Advanced Automotive Hybrid Technology Institute is designed to give faculty participants the necessary technology and hands-on experiences to successfully implement their automotive hybrid programs.

Registration

For additional details and to apply for selection go to: www.sinclairhybrid.org



www.sinclairhybrid.org