Get training to become an electric vehicle technician

The 16-week certificate program is designed to train a new generation of electric vehicle specialists to work in electric car production, repair and maintenance. The course includes a comprehensive topics through lectures, and hands-on workshops, enabling students to learn about the latest development of electric car and hybrids. Students will work together to complete a group project of converting an internal combustion car into a 100% electric car.

Topics include:

- Electrical principles and practice
- Development of electric vehicles
- High voltage safety & practice
- Hybrid engines
- Electric Motors
- Electric propulsion systems
- Electric circuit systems
- Power inverter systems
- DC-DC converter system
- Computerized system controllers
- Energy management systems
- Latest development in battery technologies
- Lithium ion battery technology
- Basic maintenance and repairs of hybrid vehicles

Course Requirements:

High school diploma with 7 years of work experience or AA degree or equivalent with at least 5 years of work experience in any industry.

Upcoming Training Dates:

- December 6, 2010 - Apr 8, 2011

Course Schedule:

Monday, Wednesday & Friday: 1:00PM - 5:00PM

The Clean Tech Institute is a part of the International Association of Nanotechnology, which was awarded by a $1.5 million grant by the US Department of Labor. The certificate programs at the Clean Tech Institute are fully funded under the Trade Adjustment Act by the US Department of Labor.

Register on-line at:
www.cleantechinstitute.org