

Electric Vehicle Training

Get Training on Electric Vehicles and Gas to Electric Conversions



This 5 week, 40 hour, introductory training program is designed to prepare electric vehicle specialists and enthusiasts to work in the electric car conversion, repair and maintenance sector. The course covers important topics through lectures and hands-on workshops, enabling students to learn about the latest developments in electric vehicle technologies, battery management systems and conversion techniques. Students will have opportunities to work on a group project of conversion of an internal combustion engine car into an electric car.

Topics include:

Day 1:

1. Introduction to Electric Vehicle Technology
2. High -Voltage Vehicle Safety Systems
3. Electrical principles and practice,
4. Introduction Electric Motors

Day 2:

1. Power Inversion systems
2. Electric Propulsion Sensing Systems
3. Computerized Control Systems
4. Battery Technologies and Management Systems
5. Workshop: Electric Car Conversion

6. Day 3:

1. Hybrid engines
1. DC - DC Conversion Systems
2. Workshop: Electric Car Conversion

Day 4: Workshop: Electric Car Conversion

Day 5: Workshop: Electric Car Conversion

Course Requirements:

High school diploma and mechanical aptitude.

Upcoming Training Dates:

January 8, 2011 - February 5, 2011

February 12, 2011 - March 12, 2011

Course Schedule:

Saturdays: 9:00 AM - 5:30 PM

Tuition Cost - \$1,790

Register Online before December 30, 2010 and Save 10%. Refer a friend or family member and Save an additional 15%

Register on-line at:
www.cleantechinstitute.org



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