

Certified Electric Vehicle Technician

Get training to become an electric vehicle technician



The 16-week certificate program is designed to train a new generation of technicians to work in the R&D, manufacturing, technical support, repair and maintenance of electric vehicles. This certificate program covers comprehensive topics of high voltage hybrid and electric vehicle technologies through lectures, and hands-on workshops. Students will have an opportunity to design, fabricate various components of an EV and convert an internal combustion car into a 100% electric car.

Topics include:

- Electrical principles and practice
- Development of electric vehicles
- High voltage vehicle 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
- First responder to an electric vehicle

Requirements:

AA degree or equivalent with at least 5 years of work experience in any industry. Must have electromechanical hands-on work experience. Prior experience in automechanics and electricity is desirable. All prospective students must pass an assessment test

Course Schedule:

Thursday, Friday and Saturday
9:00 AM - 5:00 PM

Starting Date: June 11- October 20, 2012 (subject to changes- please call 800-567-8184 for update)

Location: Cleantech Institute-Garden Grove

Tuition: Funded by the EDD and WIA and FREE to qualified candidates.

This WIA Title I financially assisted program or activity is an equal opportunity employer/program. If you need special assistance to participate in this training, call 800 567 - 8184.



Orange County
Workforce Investment Board
Linking Business & People



cleantech
INSTITUTE

Northern California
NASA Research Park
Moffett Field CA, 94035
Tel. 800-567-8184

Southern California
11258 Monarch Street, Unit O and P
Garden Grove, CA 92841
Tel. 714-892-6266

Visit Our Web Site at:
www.cleantechinstitute.org

800-567-8184