

# 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 electric vehicle specialists to work in electric car production, repair and maintenance. This comprehensive program covers topics through lectures, and hands-on workshops, enabling students to learn about the latest developments in electric cars and hybrids. Students will work together on 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

## Requirements:

High school diploma with 5 years of work experience or AA degree or equivalent with at least 3 years of work experience in any industry. All Prospective Students Must Pass an Assessment Test - (basic math and reading comprehension) with a score of at least 50%.

## Course Schedule:

Wednesday, Thursday and Friday  
1:00 PM - 5:00 PM

**Starting Date:** (Contact us at 800 567 - 8184)

**Location:** Orange County

'This WIA Title I financially assisted program or activity is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. If you need special assistance to participate in this training, call 800 567 8184.

Hearing or Voice impaired customers may call the California Relay Service at 711 or 1 800 735 - 2922 to be connected.



**Orange County**  
**Workforce Investment Board**  
**Linking Business & People**



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