



# Greening the Industry with ETA Certifications

## ETA Renewable Energy Certification Program:

Photovoltaic

Small Wind

Commercial Wind

Hybrid Integrator

- Electric Vehicle -

Micro Hydro

Fuel Cells

Solar Thermal

Geothermal

Solar Concentration

The ETA International **Electric Vehicle Technician Certifications** provide assessments in electric vehicle technology. Individuals must have hands-on training from an ETA approved school and be knowledgeable in topics such as safety requirements; direct current electrical theory; alternating current electrical theory; conductors, electrical hardware, computer theory, battery storage basics; electrical vehicle fundamentals; BEV battery fundamentals; energy delivery systems; charging levels and storage rate; BEV to grid interface; and BEV maintenance and troubleshooting.

### What is expected of a Certified Electric Vehicle Technician?

The Electric Vehicle Technician will be required to perform the following: identify major components of Electric Vehicle Systems; identify types of EV systems; identify EV types and characteristics; install basic EV components; understand basic systems and operating standards; and troubleshooting High Voltage system problems and installation concerns. The Electric Vehicle Technician must also understand safe working practices for: personal protection equipment with hand and basic power tools: eye, clothing, ear, and high voltage glove protection; and High Voltage Electrical safety.

### ETA Course Approval

In order to offer the ETA Electric Vehicle Technician Certifications schools must complete an ETA course approval application. Interested individuals must receive training from an ETA approved school. Visit the ETA website for an application or to see a list of approved schools. ([www.eta-i.org/course\\_approvals.html](http://www.eta-i.org/course_approvals.html))

### Who Should Offer ETA's Program?

- Universities/ Community Colleges
- Workforce Development
- Training Organizations
- Career and Technical/Vocational Training Centers
- Secondary Schools
- Proprietary Automotive Training
- Automotive Technicians
- Electrical Contractors

View all of the ETA Renewable  
Energy Job Training Guides  
(JTG) online at  
[www.certifymegreen.org](http://www.certifymegreen.org)

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