

# EV Fundamentals Certification Bootcamp



Learn the ins and outs of electric vehicles through the lens of a gas-to-electric car conversion at Legacy EV's **EV Fundamentals Certification Bootcamp!**

Learners will wire, program, commission, tune, and practice fault finding in various EV systems using fully functional EV training benches. High Voltage Personal Protective Equipment (PPE) is demonstrated and used in this class during hands-on exercises.

## Learning Outcomes

At the end of the 5 day in-person training, learners will:

- Demonstrate an understanding of safety procedures for working with high voltage systems.
- Understand the basic electrical circuitry involved in installing a high voltage system into an electric vehicle.
- Understand how a wiring diagram represents the electrical mapping of how an EV kit will be installed into a vehicle.
- Understand the roles of major EV systems and the difference between high voltage and low voltage systems.
- Use all tools and equipment that are typically used in the process of vehicle electrification.
- Demonstrate understanding of EV kit installation process by completing a full installation of a Legacy EV kit into a test bench.
- Demonstrate an understanding of how to properly mount, wire, program, commission, test, and tune an EV system.

## Course Fees and Materials

Your \$5000 course fee includes:

1. Virtual Certified Technician Program online training access as reference materials to work safely on high-voltage vehicle systems.
2. 6 hours virtual technical support with Legacy EV applications engineers to ensure your build is going smoothly.
3. Access to the Legacy EV in-person training alumni network.
4. 200+ page in-person workbook, including documentation that can be used again and again to ensure consistent workplace practices while building, servicing, and maintaining a converted EV.
5. Legacy EV Level I & 2 High Voltage Safety Certification.
6. Adult First Aid (CPR and AED) Certification.

## After Boot Camp

- You will be ready to take the [ASE xEV Level 1 and Level 2 examinations](#).
- Convert your gas-powered car into electric to earn the Legacy EV Technician Certification.

## Benefits of Legacy EV's Bootcamp vs. Weber State University's Bootcamp

BENEFITS	Legacy EV
High Voltage Safety Certification - Level 1	✓
High Voltage Safety Certification - Level 2	✓
American Red Cross Adult First Aid/AED/CPR Certification	✓
EV 101 Credential	✓
EV System Preparation Credential	✓
EV System Fitment and Mounting Credential	✓
EV Wiring Credential	✓
EV Programming, Testing, and Tuning Credential	✓