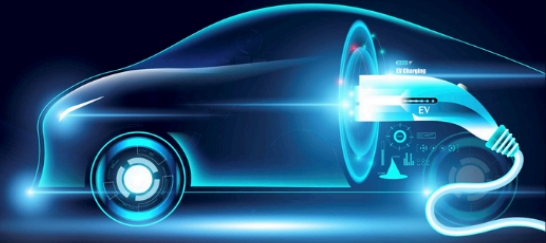


EV EDUCATION



A RESOURCE LISTING OF VIRTUAL & IN-PERSON ELECTRIC VEHICLE TRAININGS & CERTIFICATIONS

List compiled by Greater Washington Region Clean Cities Coalition



CERTIFICATION OPPORTUNITIES

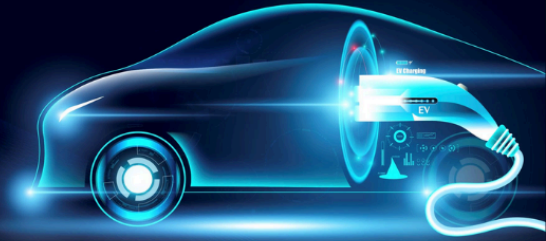
| | |
|---|--|
| Electric Vehicle Fundamentals | <p>The EVF Certification is designed to assess your comprehension of fundamental EV concepts and can be used to help you secure entry-level positions in the areas of automotive assembly and production of electric vehicles. Additionally, it can serve as a stepping stone for further training pathways in EVs.</p> |
| EVTC | <p>The Electric Vehicle Technician Operations & Maintenance Credentialing (EVTC) is specifically designed to assist professionals in cultivating a valuable skill set, while also elevating their professional credibility and marketability within the Electric Vehicle Service Equipment (EVSE) community.</p> |
| Certificate of Completion / Career Studies Certificate | <p>Certificates of completion validate your skills and knowledge in a specific subject or field. They serve as tangible proof of your accomplishment, which can be useful for career advancement or personal development.</p> |
| ASE Level 1 | <p>An Electrically Aware Person is designed for anyone who may encounter an EV in the workplace. This includes an individual who performs tasks in proximity of electrified propulsion vehicles in sales, service, repair, and/or related environments.</p> |
| ASE Level 2 | <p>A High-Voltage Vehicle Technician is a service professional, technician, or specialist who has received high-voltage electrical training, has demonstrated skills and knowledge related to the construction, operation, and repair of electrically powered high-voltage vehicles. They have also received safety training to identify the hazards and reduce the associated risk.</p> |
| ASE (L3) | <p>The Light Duty Hybrid/Electric Vehicle Specialist (L3) Certification is designed to measure a technician's knowledge of the skills needed to diagnose both high- and low-voltage electrical/electronic problems, as well as other supporting system problems, on hybrid/electric vehicles. Applicants must have 3 years of work experience to be eligible for the ASE L3 Certification.</p> |
| Electric Vehicle Infrastructure Training Program | <p>The EVITP program certifies electricians to perform all maintenance, installation, and upgrade implementation for EV charging stations. It also provides information on utility interconnection policies, OEM charging performance standards, and integration of EVSEs into distributed generation infrastructure.</p> |

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INTRODUCTORY TRAININGS

ELECTRIC VEHICLE FUNDAMENTALS

- **Offered By:** Multiple Colleges in DC, MD, and VA
- **Cost:** \$2,395
- **Website:** <https://www.ed2go.com/courses/construction-and-trades/trades/ctp/electric-vehicle-fundamentals-evf-voucher-included>
- **Certification:** Electric Vehicle Fundamentals Credential
- **Contact:** 855.520.6806

Description: Electric Vehicle Fundamentals is an entry level course that covers assembly, safety, and quality best practices. The course takes 75 hours to complete and prepares you for the Electric Vehicle Fundamentals certification from the Society of Manufacturing and Engineers.

- **Offered By:** SME
- **Certification:** Electric Vehicle Fundamentals Credential
- **Website:** <https://www.sme.org/training/electric-vehicle-fundamentals-evf-certification/>
- **Cost:** \$79/month for full site access
- **Contact:** 216.706.6620

Description: SME offers Electric Vehicle Fundamentals through their full site access plan. For \$79 per month you get unlimited access to their extensive course catalog and discounts on certification tests. Total cost of the program depends on the pace at which you complete the program. Members can take multiple courses concurrently.

ELECTRIC VEHICLE BATTERY PACKAGING AND ASSEMBLY CERTIFICATION

- **Offered By:** SME
- **Certification:** EVBPA Credential
- **Website:** <https://www.sme.org/training/electric-vehicle-fundamentals-evf-certification/>
- **Cost:** \$79/month for full site access
- **Contact:** 216.706.6620

Description: SME offers Electric Vehicle Battery Packaging and Assembly through their full site access plan. For \$79 per month you get unlimited access to their extensive course catalog and discounts on certification tests. Total cost of the program depends on the pace at which you complete the program. Members can take multiple courses concurrently.

ELECTRIC VEHICLE COMMUNITY PREPAREDNESS - CHARGING STATION INSTALLER

- **Offered By:** National Fire Protection Association (NFPA)
- **Certification:** Certificate of Completion / Continuing Education Hours
- **Website:** <https://www.nfpa.org/product/ev-training---charging-station-installer-edition/evt007>
- **Cost:** Free
- **Contact:** 877.336.3280

Description: This course provides specific knowledge relevant to those who install charging stations, in addition to important general information about EVs. Students will be prepared for these installations by understanding the code requirements, installation best practices, load impacts on electrical service, and the inspection process.

ELECTRIC, HYBRID, AND AUTONOMOUS VEHICLES, C.S.C.

- **Offered By:** Northern Virginia Community College
- **Certification:** Career Studies Certificate
- **Website:** <https://www.nfpa.org/product/ev-training---charging-station-installer-edition/evt007>
- **Cost:** \$3,720
- **Contact:** 703.323.3000

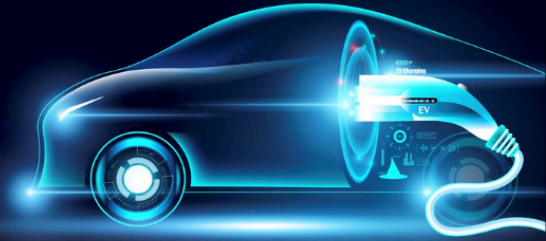
Description: Automotive Technology: Electric, Hybrid, and Autonomous Vehicles, Career Studies Certificate is a year long program (2 semesters) that prepares students to work on electric, hybrid, and autonomous vehicles. To take this course students must first demonstrate experience in automotive maintenance or pass a prerequisite certification.

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INTRODUCTORY TRAININGS

ELECTRIC VEHICLE TECHNICIAN CERTIFICATE

- **Offered By:** George Brown College School of Distance Education
- **Certification:** Certificate of Completion
- **Website:** <https://www.evtechnician.com/>
- **Cost:** \$1,750
- **Contact:** 416. 415.5000 x6717

Description: This certificate program will train a new generation of electric vehicle (EV) specialists to work in EV repair, maintenance and manufacturing. The program is accessible to a wide audience whether you are an automotive technician, an Electrician, or anyone interested in joining the EV revolution.

- **Offered By:** Hagerstown Community College
- **Certification:** Certificate of Completion
- **Website:** <https://hagerstown-gbc.com/ev/program-outline>
- **Cost:** \$1,750
- **Contact:** 240.500.2453 - jadrooger@hagerstowncc.edu

Description: The Electric Vehicle Technician Certificate is available to anyone with a highschool education that is interested in working in the rapidly expanding electric vehicle market. The 14 unit course is offered entirely via distance learning and a Certificate of Completion will be issued by Hagerstown Community College after passing the final exam.

EV TECHNICIAN OPERATIONS AND MAINTENANCE CREDENTIALING

- **Offered By:** Edtunity
- **Certification:** EVTC MicroTrax credential
- **Website:** <https://www.edtunity.org/courses>
- **Cost:** Free
- **Contact:** lmartinez@edtunity.org

Description: The Operations and Maintenance MicroTrax course consists of three formats, forming a comprehensive learning journey that culminates in a final credentialing assessment. The first section of the course is designed for self-paced online learning. The second section includes online live instruction, virtual lab sessions, and an exam review. The final portion of the class is a comprehensive exam. Upon successful completion of the EVTC MicroTrax credential, students are provided with the opportunity to advance towards an additional forty-five hours of content in pursuit of further credentials.

ON THE ROAD TO MASS MARKET ELECTRIC VEHICLES

- **Offered By:** The George Washington University
- **Certification:** EEMI Course Certificate
- **Website:** <https://eemi.engineering.gwu.edu/road-mass-market-electric-vehicles>
- **Cost:** \$550
- **Contact:** 703.585.6977 - julian@bentleyenergy.com

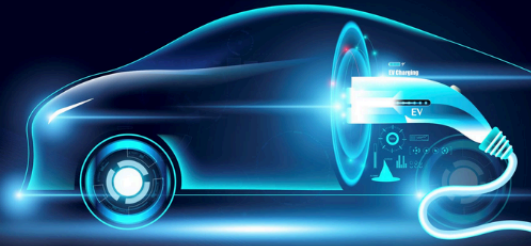
Description: This course covers types of electric vehicles, the market and factors driving market growth, barriers to growth and how the market may overcome potential barriers, EV charging structures and charging station deployment. The course is designed for educators, government and corporate decision makers, automobile dealers and consultants.

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INDUSTRY TRAINING

TESLA START SERVICE TECHNICIAN

- **Offered By:** Lincoln Technical Institute
- **Certification:**
- **Website:** <https://www.tesla.com/careers/search/job/start-program-technician-automotive-service-intern-185134>
- **Cost:** Paid Stipend
- **Contact:** N/A

Description: The Tesla START program is a 16-week EV service training initiative tailored for individuals with prior automotive experience. The program is a hybrid course with both classroom and online modules. This is an intern position with stipend and benefits.

ELECTRIC VEHICLE INFRASTRUCTURE TRAINING PROGRAM ONLINE INFORMATION

- **Offered By:** EV Infrastructure Training Program
- **Certification:** EVITP
- **Website:** <https://evitp.org/training/>
- **Cost:** Pricing May Vary
- **Contact:** N/A

Description: This program helps licensed electricians locate official EVITP training available in their area. The EVITP program provides the most comprehensive training for the installation of EVSE equipment in North America today. More than a technical installation course, EVITP offers a full overview of the Electric Vehicle industry including an extensive section on Customer Relations & Customer Satisfaction.

INTRODUCTION TO EV SAFETY FOR TECHNICIANS

- **Offered By:** Axel Mobility
- **Certification:** ASE EV Level 1
- **Website:** <https://axlemobility.com/courses>
- **Cost:** \$400 (full site access)
- **Contact:** 215.817.4910

Description: This course is an introductory overview into electric vehicle architecture. The course is designed for existing automotive technicians to reinforce the foundational principles of electric vehicle technology, explore vehicle components like battery packs, motors, and electronics, and study battery construction, chemistry, and repair.

INTRODUCTION TO ELECTRIC VEHICLE SYSTEMS AND REPAIR

- **Offered By:** Axel Mobility
- **Certification:** ASE EV Level 2
- **Website:** <https://axlemobility.com/courses>
- **Cost:** \$400 (full site access)
- **Contact:** 215.817.4910

Description: This course is an introductory overview into electric vehicle architecture. The course is designed for existing automotive technicians to reinforce the foundational principles of electric vehicle technology, explore vehicle components like battery packs, motors, and electronics, and study battery construction, chemistry, and repair.

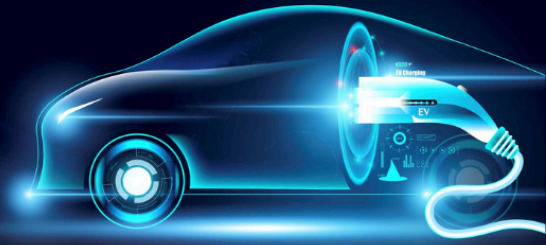
ELECTRICAL AWARENESS TRAINING

- **Offered By:** Axel Mobility
- **Certification:** ASE EV Level 2
- **Website:** <https://axlemobility.com/courses>
- **Cost:** \$400 (full site access)
- **Contact:** 215.817.4910

Description: This course is designed to provide participants with a comprehensive understanding of electrical safety, hazards, and best practices. This 35 minute course aims to equip learners with an overview of electrical hazards, an understanding of how to navigate hazardous situations, and promote a safe working environment.

A RESOURCE LISTING OF VIRTUAL & IN-PERSON ELECTRIC VEHICLE TRAININGS & CERTIFICATIONS

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INDUSTRY TRAINING

CERTIFIED EV TECHNICIAN COURSE (VIRTUAL)

- **Offered By:** Legacy EV
- **Certification:** ASE EV Standards (test not included)
- **Website:** <https://tinyurl.com/4cs6a5vy>
- **Cost:** \$2,500
- **Contact:** 602.755.7280

Description: This course was designed with ASE standards in mind. The Legacy EV Certified Technician Course is designed to walk automotive mechanics through the ins and outs of an EV build from the ground up. Although the course doesn't include a certification exam, completion of the course will adequately prepare students to take the ASE electric

HYBRID/ELECTRIC VEHICLE TECHNICIAN

- **Offered By:** Carroll Community College
- **Certification:** ASE Light Duty Hybrid/Electric Vehicle Specialist (L3)
- **Website:** <https://www.carrollcc.edu/programs/professional-skills-job-training/hybrid-electric-technician/>
- **Cost:** \$1,399
- **Contact:** 410.386.8100

Description: Hybrid/Electric Vehicle Technician prepares students for both the ASE Engine Performance (A8) and ASE Light Duty Hybrid/Electric Vehicle Specialist (L3) certifications. The program has roughly 90 hours of instruction and takes 4-5 months to complete.

ELECTRIC VEHICLE CHARGING STATIONS

- **Offered By:** Baltimore Electrical JATC
- **Certification:** Continuing Education Hours
- **Website:** <https://jatc24.org/continuing-education/>
- **Cost:** \$105
- **Contact:** 410. 247.3313

Description: This course serves as an instructional primer for the Electric Vehicle Infrastructure Training Program (EVITP) Certification Exam. It is available as continuing education for journeyman electricians.

ELECTRICAL VEHICLE INFRASTRUCTURE TRAINING PROGRAM (EVITP)

- **Offered By:** Baltimore Electrical JATC
- **Certification:** EVITP
- **Website:** <https://ibewlocal24.org/earn-evitp-certification-through-the-baltimore-electrical-jatc/>
- **Cost:** \$85
- **Contact:** 410. 247.3313

Description: The Electrical Vehicle Infrastructure Training Program (EVITP) is a 20-hour course for journey-level electricians to get trained and certified to build the United States' electric vehicle charging system. The Baltimore Electrical JATC is offering the class at a \$190 discount. The certification class is open to any Local 24 JW member who is currently working for a contributing employer, or has been laid off by a contributing employer in the last 12 months.

CONTACT

Visit us & send packages to:
899 North Capitol Street, NE, Suite 5106
Washington, D.C. 20002
Correspondence:
P.O. Box 1055 | Washington, D.C. 20013
202-671-1580 | 443-636-5637

