

ELECTRIC VEHICLE CHARGING STATION TECHNICIAN

ELECTRIC VEHICLE CHARGING STATION TECHNICIAN (EVST)

DIVISION: Noncredit

EVST 1001 INTRODUCTION TO THE ELECTRIC VEHICLE INDUSTRY

0 unit

Electric vehicle (EV) history, industry and vocabulary related to EV chargers. Topics include the different types of batteries, chargers, connectors, charge levels, and EV charger location and communication applications. Total of 36 hours lecture.

Grade Mode: *Ungraded Non-Credit, Pass/No-Pass*

EVST 1002 EV CHARGING STATION EQUIPMENT, OPERATION AND CODES

0 unit

Components and functions of EVs and EV charging systems, fundamental principles of electrical energy, and application of energy principles to EV charging systems. Overview of applicable federal, state and local codes and standards, including NEC (National Electrical Code) Article 625. Total of 45 hours lecture.

Grade Mode: *Ungraded Non-Credit, Pass/No-Pass*

EVST 1003 SAFETY FOR EV CHARGING STATION TECHNICIANS

0 unit

Fundamental health and safety issues, prevention and abatement strategies, including hazard reporting procedures for EV Charging Station Technicians. Includes training and certification in OSHA10 (General Industry), NFPA 70e, and First Aid/CPR. Total of 54 hours lecture.

Grade Mode: *Ungraded Non-Credit, Pass/No-Pass*

EVST 1004 WORKING WITH EV CHARGING STATIONS

0 unit

Complete the service call cycle and the repair work order process efficiently. Topics include: fault codes, service calls, troubleshooting, work order process, and reporting. Total of 36 lecture hours.

Grade Mode: *Ungraded Non-Credit, Pass/No-Pass*