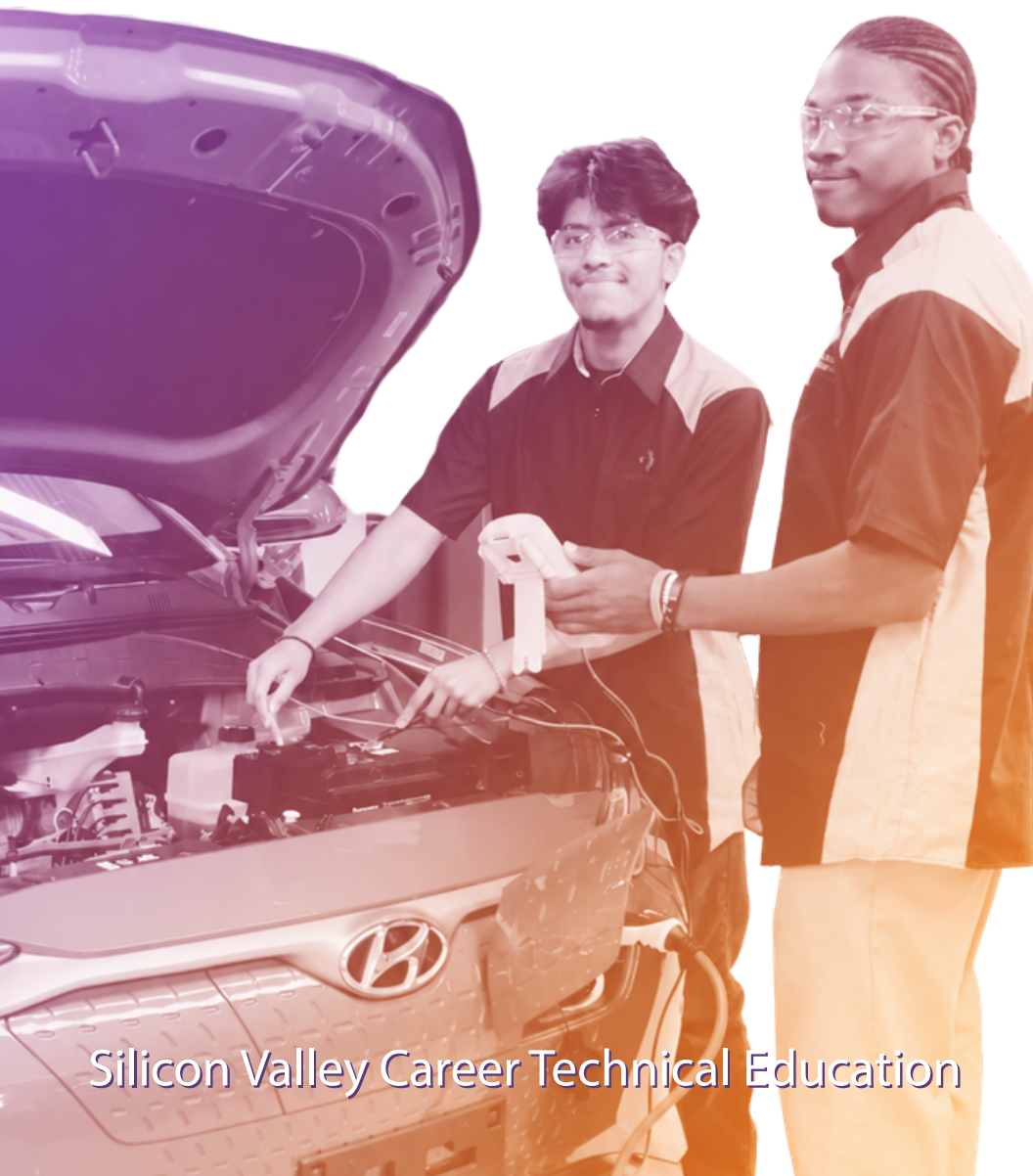


CAREER TECHNICAL EDUCATION

UC  
"d" or "g"

# Electric Vehicles/ Automotive Services



Silicon Valley Career Technical Education

# Electric Vehicles / Automotive Services (UC "d" or g")

[svcte.metroed.net/evauto](http://svcte.metroed.net/evauto)

This NATEF accredited course is designed to prepare students for entry-level employment in the automotive repair field with an emphasis in electrical troubleshooting and exploring electric vehicle technologies. Students learn skills through a variety of exercises utilizing passenger cars, electrical circuit board trainers, various types of EV transportation, and use of specific industry tools. The successful student will expand their critical thinking skills within a collaborative learning environment. The course units are differentiated and designed in a tiered structure. The course focuses on problem based, project based, and challenged based lessons. All students will complete the units 0.1 to 13. In Semester 2, students will select a pathway from Units 14 to 20 depending on interest and performance criteria. As the students master the skills, they will rotate within the units:

- General service technician
- Electrical troubleshooting
- Engine performance & systems
- Diagnostic & repair technician
- Service at automotive dealerships
- Service at independent repair shops

## CLASS BENEFITS

- 30 high school credits earned per year
- Develop skills leading to a highly-paid, high-demand job
- 1.5 dual enrollment college units with Evergreen Valley College
- UC "d" or "g" approved course

## CERTIFICATIONS EARNED WITHIN THE CLASS

- Course competency certificate
- ASE A1- A8 certificates
- ASE G1 maintenance and light repair certificate
- Hyundai Motor America HPI
- New Ford Tech ACE
- Subaru SU level 1 training
- T-TEN TECS Toyota level maintenance certification

## JOB OPPORTUNITIES UPON COMPLETION

- Dealership service technician
- Independent repair center technician
- General maintenance technician
- Service lube technician
- Tire service
- Service advisor
- Parts counter specialist



Schedule a Tour: [svcte.metroed.net/campustours](http://svcte.metroed.net/campustours)

*Inspire.* **Engage.** **Connect.**

KH Rev 9-3-26



Silicon Valley  
Career Technical Education

760 Hillsdale Avenue, Building 800  
San Jose, CA 95136

ph: 408.723.6403 | fax: 408.266.6531

[svcte.org](http://svcte.org)

A MetroED School



/svcte



/svcte



/school/svcte



/MetroED

The Governing Board is committed to providing equal opportunity for all individuals in education. District programs, activities, and practices shall be free from unlawful discrimination, including discrimination against an individual or group based on race, color, ancestry, nationality, national origin, ethnic group identification, age, religion, marital, pregnancy, or parental status, physical or mental disability, sex, sexual orientation, gender, gender identity or expression, or genetic information; a perception of one or more of such characteristics; or association with a person or group with one or more of these actual or perceived characteristics.