



DIVISION OF CAREER & TECHNICAL EDUCATION

ELECTRIC VEHICLE AND FUEL CELL TECHNOLOGY TECHNICIAN

ASSOCIATE OF SCIENCE DEGREE

The Associate of Science Degree in Electric Vehicle and Fuel Cell Technology prepares students to address needs in the emerging field of servicing and diagnosing green vehicles, including electric, hybrid, plug-in hybrid, and fuel cell automobiles. Students will need to apply for the Automotive Service Excellence (ASE) Light Duty/Hybrid/Electric Vehicle Specialist Test (L3), and pay all applicable fees to take the final ASE exam. This degree is intended to be the capstone of the Hybrid/Electric/Fuel Cell Program.

To acquire the **Associate of Science Degree in Electric Vehicle and Fuel Cell Technology Technician**, students must complete the required major courses below with a grade of "C" or better along with one of the following:

- RHC GE and Proficiency requirements
- CSU GE (California State University General Education Breadth)
- IGETC (Intersegmental General Education Transfer Curriculum)

| Required Courses | | Units | N | IP | C |
|--|---|-----------|---|----|---|
| AUTO 106 | Automotive Electrical Tools & Diagnostic Procedures | 3 | | | |
| AUTO 147 | *Introduction to Hybrid & Electric Vehicle Technology | 3 | | | |
| AUTO 148 | *Vehicle Safety, Comfort and Convenience Systems | 3 | | | |
| AUTO 157 | *Automotive Specialized Electronics Training | 4 | | | |
| AUTO 260 | *Advanced Hybrid/Electric Vehicle | 4 | | | |
| AUTO 266 | *Fuel Cell Technology Fundamentals | 3 | | | |
| ELEC 100 | DC and AC Fundamentals | 3 | | | |
| ELEC 101 | D/C Electronic Circuits and Devices | 4 | | | |
| Total major units needed for Associate of Science | | 27 | | | |
| Units Completed | | | | | |
| *Prerequisite/Corequisite | | | | | |