



DIVISION OF CAREER & TECHNICAL EDUCATION

ELECTRIC VEHICLE AND FUEL CELL TECHNOLOGY TECHNICIAN

ASSOCIATE OF SCIENCE DEGREE

The Electric Vehicle and Fuel Cell Technology Technician Associate of Science Degree is designed to prepare students to meet the emerging field of service and diagnosis of vehicles powered by electricity generated by any of the following sources, plug-in electric/hybrid-powertrain/fuel cell generation. The green technology can be transferred from vehicles to stationary back-up power systems. Students will need to apply for ASE L-3 testing 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 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			
ELEC 102	*A/C Electronic Circuits and Devices	4			
Total major units needed for Associate of Science		28			
Units Completed					
*Prerequisite/Corequisite					