

ELECTRIC VEHICLE (EV) SERVICE TECHNICIAN (CERTIFICATE)

Catalog Effective Term: Fall 2024

Program Code: CTEVST

Credential: Certificate

High Demand Occupation, High Skill Occupation, High Wage Occupation

In this program, students will be introduced to the skills need to perform as an entry level technician within the rapidly growing electric vehicle (EV) market. Students will learn how to identify and practice the safety standards and precautions needed when servicing EVs. Topics of study will include, but will not be limited to: EV service and maintenance procedures, EV specific tooling, high-voltage and low-voltage system diagnostics, and battery management system operation along with ever evolving new technologies incorporated in the production of EVs. This certificate will prepare students for EV-specific ASE testing required for the industry.

Minimum Credits Required for the Program: 22

Course	Title	Credits
Major/Area Requirements		
ASV 131	Automotive Electrical	4
ATT 180	Alternative Vehicle Fundamentals & Safety	2
ATT 280	Introduction to Electric Vehicles (EV)	4
ASV 256	Electrical and Electronic Systems	4
ATT 282	Electric Vehicle (EV) Energy Management	4
ASV 130	Automotive Maintenance	4
	Credits	22
	Total Credits	22