

**Advanced Automotive Service Technology – Tesla Technician**

CIP (0647060413)

*Career Technical Certificate | Code: 51000 | 800 Hours/26.6 Credits***Effective Term: Spring 2203****Program Description:**

The Advanced Automotive Service Technology – Tesla Technician Career Technical Certificate prepares students to become entry-level technicians to the TESLA Motors technology. The coursework includes safety when working in or around high voltage, maintenance, regeneration braking, inverter power transfer, battery technologies, battery management systems, High-Voltage Bus & Charging, Pack Connector & Penthouse controls, and Autonomous technology. Electric vehicle applications and their integrated systems from TESLA Motors will be used to discuss physics of battery storage and material composition and High-Voltage generation systems. This program is suitable for student's already working in the battery electric vehicle/Hybrid vehicle and energy technology field. This program is a requirement for TESLA Motors Technician. Technicians successfully completing this training can enter gainful employment as a Level I, Level II, or Level III technician, Mobile Service Technician or a Field Service Technician.

**PROGRAM REQUIREMENTS (800 Hours/26.5 Credits)**

AER 0605	Tesla Electronic System Technician	400 Hours/13.33 Credits
AER 0606	Tesla Maintenance Technician	400 Hours/13.33 Credits