

CERTIFICATE OF ACHIEVEMENT



TESLA Student Automotive Technician (START)

This program of study will provide students with in-depth This course is intended to educate the entry-level technician in Tesla Motors technology. Topics will include: safety when working in or around high voltage, maintenance, regeneration braking, inverter power transfer, battery technologies, battery management systems, high-voltage bus and charging, pack connector and 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 course is suitable for students already working in the battery electric vehicle/hybrid vehicle and energy technology field. Completion of this training is required by Tesla for employment as a Level I, Level II, or Level III technician, Mobile Service Technician, or a Field Service Technician.

To acquire the **Certificate of Achievement in Tesla Student Automotive Technician (START)**, it is necessary to complete the following courses:

Required Courses	Units	N	IP	C
TESL 100 *Tesla Student Automotive Technician (START)	15			
AUTO 290 Cooperative Work Experience/Internship for Automotive Technology Related Fields	1			
Total units needed for Certificate of Achievement	16			
Units Completed				
*Prerequisite/Corequisite				