

V. Electronic and Electric Vehicle Specialist Associate of Science Degree

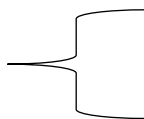
Course Number	Course Name	Units	Course Length
Year 1: Fall			
AUTO 161 Group	Electrical Diagnosis and Repair	3.5	First 8 Weeks
AUTO 162 Group	Electronics Diagnosis and Repair	3.5	Second 8 Weeks
AUTO 212	Automotive Technology Work Experience	3.0	Full 16 Weeks
GE Area A1	(General Education – Language and Rationality #1)	3.0	Full 16 Weeks
GE Area C	(General Education – Humanities)	3.0	Full 16 Weeks
	Semester Total Units	16.0	
Year 1: Spring			
AUTO 143 Group	Steering and Suspension Diagnosis and Repair	2.5	First 8 Weeks
AUTO 153 Group	Advanced Brake System Diagnosis and Repair	3.5	Second 8 Weeks
AUTO 121 Group	Automatic Transmission Theory and Operation	3.5	First 8 Weeks
AUTO 212	Automotive Technology Work Experience	3.0	Full 16 Weeks
GE Area D	(General Education – Social and Behavior Sciences)	3.0	Full 16 Weeks
GE Area ES1	(General Education – Exercise Science #1)	1.0	Full 16 Weeks
	Semester Total Units	16.5	
Year 1: Summer			
AUTO 132 Group	Differential and 4WD Systems Diagnosis and Repair	2.5	Full 6 Weeks
AUTO 171 Group	Climate Control System Diagnosis and Repair	2.5	Full 6 Weeks
GE Area A2	(General Education – Language and Rationality #2)	3.0	Full 6 Weeks
	Semester Total Units	8.0	
Year 2: Fall			
AUTO 181 Group	Engine Performance I Ignition and Fuel Systems	3.5	First 8 Weeks
AUTO 183 Group	Engine Performance II Intake, Exhaust and Emission Systems	3.5	Second 8 Weeks
AUTO 212	Automotive Technology Work Experience	3.0	Full 16 Weeks
GE Area B,C or D	(General Education – B,C or D)	3.0	Full 16 Weeks
GE Area B,C or D	(General Education – B,C or D)	3.0	Full 16 Weeks
	Semester Total Units	16.0	
Year 2: Spring			
AUTO 263 Group	Advanced Electronics	2.5	First 8 Weeks
AUTO 264 Group	Hybrid and Electric Vehicle Operation and Diagnosis	2.5	Second 8 Weeks
AUTO 283 Group	Advanced Engine Performance	2.5	First 8 Weeks
AUTO 212	Automotive Technology Work Experience	3.0	Full 16 Weeks
*GE Area B	(General Education – Natural Sciences)	4.0	Full 16 Weeks
GE Area ES2	(General Education – Exercise Science #2)	1.0	Full 16 Weeks
	Semester Total Units	15.5	
	Automotive Units	48	
	General Education Units	24	
	Total Degree Units	72	

*Recommended for GE Area B: ET 165 – Introduction to Electricity and Electronics

A “Group” consists of three separate courses: Lecture, Laboratory, and Assessment Test Out

Example:

AUTO 161 Group



AUTO 161 - Electrical Diagnosis and Repair

AUTO 161L - Electrical Diagnosis and Repair Laboratory

AUTO 161T - Electrical Diagnosis and Repair Assessment Test Out

Updated: 8/13/21