

DEGREE MAP

The following sequence is an example of how this program can be completed within the recommended time frame. It presumes that all course and program prerequisites have been met. Completion times may vary depending on individual circumstances. Students should consult an advisor when they plan their individual completion path using MyDegreePlan.

Program Name: Automotive Technology (Daytime Program) - Associate of Applied Science Degree

Locations Offered: Sierra Vista Campus

First Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	AUT 101 Introduction to Automotive Technology	F2F	3
Core Curriculum	AUT 102 Automotive Electrical Fundamentals	F2F	3
Core Curriculum	AUT 103 Internal Combustion Engines	F2F	3
Core Curriculum	AUT 104 Automotive Brake Systems	F2F	3
Gen Ed-Mathematics	MAT 132 Applied Mathematics or MAT 132L Applied Mathematics with Support Lab or higher	F2F, OL	3-4

Second Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	AUT 105 Auto Suspension and Steering Systems	F2F	3
Core Curriculum	AUT 106 Automotive Manual Drive Systems	F2F	3
Core Curriculum	AUT 201 Automotive Electrical Systems and Equipment	F2F	3
Core Curriculum	AUT 205 Automotive Heating, Ventilation and AC	F2F	3
Gen Ed-Composition	ENG 101 Composition or ENG 101L Composition with Support Lab	F2F, OL	3

Third Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	AUT 130 Light Duty Hybrid and Electric Vehicles	F2F	3
Core Curriculum	AUT 112 Light Vehicle Diesel Engines	F2F	3
Core Curriculum	WLD 105 Oxyacetylene Welding or WLD 128 Gas Metal Arc Welding	F2F	3
Gen Ed-Technology Literacy	CIS 116 Computer Essentials or CIS 120 Introduction to Information Systems	F2F, OL	3
Gen Ed-Composition	ENG 102 English Composition or COM 102 Essentials of Communication or CIS 179 Applied Technical Writing	F2F, OL	3

Fourth Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	AUT 204 Automotive Transmission/Transaxle Diagnostics	F2F	3
Core Curriculum	AUT 206 Engine Performance	F2F	3
Core Curriculum	AUT 116 Light Vehicle Diesel Intake and Exhaust Systems	F2F	3
Core Curriculum	AUT 220 Light Vehicle Diesel Fuel Systems and Computerized controls	F2F	3
Gen Ed-Liberal Arts		F2F, OL	3

Total Credits Required: 60-61

*Key: F2F = Face-to-Face OL = Online

Reviewed: 3/1/2024

Notes: AUT courses are offered in eight-week sessions.