

## 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	CB	3
Core Curriculum	AUT 102 Automotive Electrical Fundamentals	CB	3
Core Curriculum	AUT 103 Internal Combustion Engines	CB	3
Core Curriculum	AUT 104 Automotive Brake Systems	CB	3
Gen Ed-Mathematics	MAT 132 Applied Mathematics or MAT 132L Applied Mathematics with Support Lab or higher	CB, OL	3-4

### Second Semester: Spring

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

### Third Semester: Fall

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

### Fourth Semester: Spring

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

Total Credits Required: 60-61

\*Key     CB = Campus-Based (In Person or Hybrid: Requires attendance at a physical location)  
             OL = Online (Synchronous, Asynchronous, or Online Combo)

Reviewed: 3/1/2025

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