

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 (ATC) (Daytime) - Associate of Applied Science

Locations Offered: Sierra Vista Campus

First Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Gen Ed-Quant Reasoning	MAT 132 Applied Mathematics or MAT 132L Applied Mathematics with Support Lab or higher	CB, OL	3-4
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

Second Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Gen Ed-Writ Communication	ENG 101 (SUN# ENG 1101) Composition or ENG 101L with Support Lab	CB, OL	3
Core Curriculum	AUT 105 Automotive 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 Automobile Heating, Ventilation, and Air Conditioning	CB	3

Third Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Gen Ed-Writ Communication	COM 102 (SUN# COM 1100) Essentials of Communication	CB, OL	3
Gen Ed-Technology Literacy	CIS 116 Computer Essentials or CIS 120 (SUN# CIS 1120) Introduction to Information Systems	CB, OL	3
Core Curriculum	AUT 112 Light Vehicle Diesel Engine Repair	CB	3
Core Curriculum	AUT 130 Light Duty Hybrid and Electric Vehicles	CB	3
Core Curriculum	WLD 105 Oxyacetylene Welding or WLD 128 Gas Metal Arc Welding	CB	3

Fourth Semester: Spring

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

Total Credits: 60

*Key: CB=Campus-Based (In Person or Hybrid: Requires attendance at a physical location)

OL=Online (Synchronous, Asynchronous, or Online Combo)

Notes: