



DEGREE MAP

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites, and presumes a fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

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

Location(s) Offered:

Sierra Vista Campus

Learning Outcomes: *Students who successfully complete this program will be able to do the following:*

1. Demonstrate the ability to select and use the proper hand tools for a specific automotive repair.
2. Demonstrate the ability to use diagnostic equipment to analyze engine controls and other subsystems.
3. Demonstrate the ability to use diagnostic charts, schematics, and meters to analyze faults.
4. Demonstrate a general proficiency in all eight areas of the Automotive Service Excellence (ASE) Master Certification Standard.

Course or program prerequisite(s) not included in the degree:

ENG 101 Composition requires appropriate English placement score (or see advisor).
MAT 132 Applied Mathematics requires appropriate mathematics placement score (or see advisor).

Program Reviewed: Feb 22, 2016

Key:

IW=Intensive Writing
F2F=Face-to-Face Instruction
ITV=Instructional Television
VC=Virtual Campus/Online

<i>Requirements</i>	<i>Course(s) Recommended</i>	<i>Delivery Method</i>	<i>Credits</i>
First Semester (Fall):			
General Education-Composition	ENG 101 Composition	F2F,VC	3
General Education-Mathematics	MAT 132 Applied Mathematics or higher	F2F,VC	3-4
General Education-Technology Literacy	CIS 116 Computer Essentials or CIS 120 Intro to Info Systems	F2F,VC	3
Elective		F2F,VC	3
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Second Semester (Spring):			
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
General Education-Composition	ENG 102 English Composition	F2F,VC	3
Core Curriculum (Summer I)	AUT 105 Auto Suspension and Steering Systems	F2F	3
Core Curriculum (Summer I)	AUT 106 Automotive Manual Drive Systems	F2F	3
Third Semester (Fall):			
Core Curriculum	AUT 201 Automotive Electrical Systems	F2F	3
Core Curriculum	AUT 204 Automotive Transmission/Transaxle	F2F	3
General Education-Liberal Arts		F2F, VC	3
Elective		F2F, VC	3
Fourth Semester (Spring):			
Core Curriculum	AUT 108 Automotive Parts Specialist	F2F	3
Core Curriculum	AUT 205 Automotive Heating, Ventilation and AC	F2F	3
Core Curriculum	AUT 206 Engine Performance	F2F	3
General Education-Liberal Arts		F2F,VC	3
Elective		F2F,VC	3-4

Total credits required:

64

Notes:

AUT courses are taught in 8-week sessions.