

## 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) (Evening) - Associate of Applied Science

Locations Offered: Sierra Vista Campus

First Semester: Spring

| 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: Fall

| 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: Spring

| 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: Fall

| 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: