

**Automotive Technology
Diploma
D60160**

The Automotive Technology diploma provides individuals with the training to prepare them for entry-level employment as automotive technicians. Emphasis is placed on theory and application in areas such as suspensions, brakes, engine performance, drive trains, and advanced electronic diagnosis.

Upon completion of this diploma, students should be prepared to begin work in automotive dealerships and repair shops.

All courses* in this diploma program may be applied toward the completion of the Associate of Applied Science degree in Automotive Systems Technology

| Prefix & Number | Description | Class | Lab | Clinical/ Shop | Credit |
|----------------------|--|-------|-----|-------------------|-----------|
| AUT 116 | Engine Repair | 2 | 3 | 0 | 3 |
| AUT 116A | Engine Repair Lab | 0 | 3 | 0 | 1 |
| AUT 141 | Suspension & Steering Systems | 2 | 3 | 0 | 3 |
| AUT 141A | Suspension & Steering Systems Lab | 0 | 3 | 0 | 1 |
| AUT 151 | Brake Systems | 2 | 2 | 0 | 3 |
| AUT 151A | Brake Systems Lab | 0 | 3 | 0 | 1 |
| AUT 161 | Basic Automotive Electricity | 4 | 3 | 0 | 5 |
| AUT 163 | Adv. Automotive Electricity/Electronics | 2 | 3 | 0 | 3 |
| AUT 163A | Adv. Automotive Electricity/Electronics Lab | 0 | 3 | 0 | 1 |
| AUT 171 | Automotive Climate Control | 2 | 4 | 0 | 4 |
| AUT 181 | Engine Performance 1 | 2 | 3 | 0 | 3 |
| AUT 181A | Engine Performance 1 Lab | 0 | 3 | 0 | 1 |
| AUT 183 | Engine Performance 2 | 2 | 6 | 0 | 4 |
| AUT 231 | Manual Transmission/Transaxles & Drivetrains | 2 | 3 | 0 | 3 |
| AUT 231A | Manual Trans/Transaxles & Drivetrains Lab | 0 | 3 | 0 | 1 |
| ENG 102 | Applied Communications I* | 3 | 0 | 0 | 3 |
| MAT 115 | Mathematical Models | 2 | 2 | 0 | 3 |
| <i>Totals:</i> | | 25 | 50 | 0 | 43 |
| Diploma Total | | | | | 43 |

*Students planning to pursue the Associate in Applied Science Degree should enroll in ENG 111 Expository Writing.