

# AUTOMOTIVE MAINTENANCE CERTIFICATE

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**Division: Career Technical Education**

**PROGRAM CODE: 2C40648**

The Automotive Maintenance Certificate is designed to provide the student with entry level employment skills needed in the area of automotive maintenance. A student can seek employment in new car dealerships, specialty repair shops, and franchise automotive repair facilities. The program work will develop a student's understanding of general automotive diagnosing, servicing and repair/replacement of automotive components. This certificate requires a total of 22 units. A grade of C or better is required in each course taken.

| Code                                | Title   | Units     |
|-------------------------------------|---|-----------|
| <b>Required Courses (22 units):</b> |   |           |
| AUTO 111 F                          | Automotive Engine Repair (formerly AUTO 070 F)                      | 7         |
| AUTO 150 F                          | Automotive Brake Systems (formerly AUTO 073 F)                      | 7         |
| AUTO 180 F                          | Automotive Engine Performance and Drivability (formerly AUTO 082 F) | 8         |
| <b>Total Units</b>                  |   | <b>22</b> |

## Program Level Student Learning Outcomes

**OUTCOME 1:** Identify and practice safe work habits when using tools and equipment in an automotive repair shop.

**OUTCOME 2:** Inspect, identify, and repair vehicle malfunctions following manufacturer specifications and procedures.

**OUTCOME 3:** Using a vehicle repair order, explain and record vehicle inspection and repair procedures performed in compliance with automotive industry standards.

**OUTCOME 4:** Perform a wide array of vehicle preventative maintenance and service procedures.

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