



*A Course of Study for*

## ***AUTOMOTIVE TECHNICIAN - INTRODUCTORY***

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This program — offered through the SMC Business Department — prepares students to work in positions troubleshooting and repairing electronic and mechanical vehicle problems.

### **PROGRAMS OFFERED**

- Transfer Preparation

### **CERTIFICATE**

Department Certificate

- Automotive Technician – Introductory

### **DEPARTMENT CERTIFICATE REQUIREMENTS**

A Department Certificate is granted upon successful completion of a program of study with a **designated minimum number of units**, including:

- Completion of the area of emphasis with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher;
- Completion of at least 50% of area of emphasis units at Santa Monica College;

Note: Department Certificates are not noted on student transcripts. Students must submit a petition to the relevant academic department to be awarded a Department Certificate.

### **CATALOG RIGHTS**

A student may satisfy the requirements of a degree that were in effect at any time of the student's **continuous** enrollment. Continuous enrollment is defined as enrollment in consecutive Fall and Spring semesters until completion.

### **TRANSFER PREPARATION**

Students seeking a baccalaureate in this area of study are encouraged to review the Bachelor of Science in Automotive Technology offered by Rio Hondo College at [riohondo.edu/autotechbachelor](http://riohondo.edu/autotechbachelor)

**AUTOMOTIVE TECHNICIAN, INTRODUCTORY, DEPARTMENT CERTIFICATE**

Students who complete this short-term program may work in positions troubleshooting and repairing electronic and mechanical vehicle problems. Employees in these basic positions in today's automotive maintenance shop operate sophisticated tools and equipment and practice safe work practices under the guidance of more experienced technicians. Students wishing to take more advanced training may transfer their SMC courses to Rio Hondo College and to Cerritos College's Advanced Transportation Program.

Students must petition the Business Department to obtain this Department Certificate.

**Program Learning Outcomes:** Upon completion of the program, students will be able to apply basic diagnostic techniques, maintenance procedures, and repair skills to automotive electrical, braking, and suspension and steering systems.

**AREA OF EMPHASIS: (12 UNITS)****Required Courses:**

**AUTO 40, Automotive Maintenance and Operation (3)**

**AUTO 45, Automotive Braking Systems (3)**

**AUTO 46, Automotive Electrical Systems (3)**

**AUTO 47, Suspension and Steering (3)**