

## *Automotive/Transportation Technology: Associate in Science - Non-Transfer*

The Automotive Technology program is designed to give students the knowledge and skills that they will need in order to be successful in the high-tech automotive repair shop of tomorrow. Our experienced instructors provide real-world knowledge and hands-on practice in performing automotive diagnosis, repair, and maintenance.


**Please see a Pathways Counselor:** Create an education plan customized to meet your needs. [Contact a Counselor](#)

### **Transfer Majors/Award Focus**

- Automotive Technology, Non-transfer A.S.
- Automotive/Transportation Technology Certificate

### **GE Pattern/Units**

- GE Pattern: Option A
- Total Units: 60



**Program maps** indicate the major coursework and recommended general education courses to fulfill your degree in 2 years (approximately 15 units/semester or 30 units/year). If you are a part-time student, start Semester 1 courses and follow the course sequence. Some of the courses listed may be substituted by another course. Please view these options in the official course [catalog](#).

### **Semester 1**

**14 Units**

| ✓                        | COURSE   | TITLE                                | UNIT |
|--------------------------|----------|--------------------------------------|------|
| <input type="checkbox"/> | AUME-700 | Basic Auto Mechanics                 | 4    |
| <input type="checkbox"/> | ENGL-101 | College Composition                  | 4    |
| <input type="checkbox"/> | MATH-140 | Introduction to Statistics           | 3    |
| <input type="checkbox"/> | CSCR-100 | College Success and Career Readiness | 3    |

### **Semester 2**

**17 Units**

| ✓                        | COURSE   | TITLE   | UNIT |
|--------------------------|----------|---|------|
| <input type="checkbox"/> | AUME-771 | Automotive Brake Systems                              | 4    |
| <input type="checkbox"/> | AUME-770 | Automotive Suspension, Steering and Alignment Systems | 4    |
| <input type="checkbox"/> | HIST-112 | U.S. History Since 1865                               | 3    |
| <input type="checkbox"/> | COMM-103 | Interpersonal Communication                           | 3    |
| <input type="checkbox"/> | SOCI-101 | Principles of Sociology                               | 3    |

### **Career Options**

Automotive Engineering Tech (C, A, B)  
Electrical & Electronics Installers & Repairers  
Transportation(C)  
Automotive Master Mechanics (SM, C)  
Find more careers: [msjc.emsicc.com](http://msjc.emsicc.com)  
Required Education: SM: some college; C: Certificate; A: Associate,  
B: Bachelor's, M: Master's; D: Doctorate

### **Financial Aid**



Financial aid is determined by the number of credit hours you take in a semester. Maximize your financial aid by taking 12-15 units per semester.

**Semester 3****15 Units**

| ✓                        | COURSE               | TITLE  | UNIT |
|--------------------------|----------------------|--|------|
| <input type="checkbox"/> | AUME-790             | Engine Performance I                                     | 4    |
| <input type="checkbox"/> | AUME-780             | Automotive Electrical/Electronics I                      | 4    |
| <input type="checkbox"/> | SPAN-101             | Elementary Spanish I                                     | 4    |
| <input type="checkbox"/> | SOCI 115 or ANTH 102 | Contemporary Chicano in Society or Cultural Anthropology | 3    |

**Semester 4****14 Units**

| ✓                        | COURSE   | TITLE   | UNIT |
|--------------------------|----------|---|------|
| <input type="checkbox"/> | PE-110   | Prevention and Care of Athletic Injuries                                | 3    |
| <input type="checkbox"/> | CHEM-100 | Introduction to Chemistry   | 4    |
| <input type="checkbox"/> | ENGL-103 | Critical Thinking and Writing   | 3    |
| <input type="checkbox"/> | AUME-800 | Introduction to Hybrid and Electric Vehicle Technology                  | 3    |
| <input type="checkbox"/> | AUME-549 | Cooperative Work Experience: Automotive and Transportation Technologies | 1    |

**Work Experience**

Sign up for a special project or internship opportunity. Gain [work experience](#) and earn credits.

