

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). 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
 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"/> | COMM-108 | Intercultural Communication | 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.

