Automotive/Transportation Technology

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561
Dean of Instruction, Academic Programs (951) 487-3400

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335
Dean of Instruction, Academic Programs (951) 487-3400

Degree(s)

Transfer:
None

Non-Transfer:
A.S. in Automotive/Transportation Technology 4400 AS.AUME
(with General Education Requirements Option A)

Certificate(s)
Certificate in Automotive/Transportation Technology 22129 CT.AUME

Employment Concentration Certificate(s)
Engine Performance Technician 99999 ECC.AUME.ENG.PERF
General Certification Technician 99999 ECC.AUME.GCT
General Technician 99999 ECC.AUME.GENTECH

Program Description
Automotive Technology is a career oriented non-transfer occupational program that prepares students to work in today’s highly automated repair shops, and provides the background for career advancement in the automotive industry. Students get hands-on training and instruction in automotive repair and maintenance. Our Automotive Technology program prepares students for employment in many areas of the automotive field including dealerships, independent garages, fleet shops, service stations, and specialty shops.

Career Opportunities
All career opportunities listed are representative careers in each field. There are no guaranteed positions for students completing these programs. [See: www.onetonline.org]

Non-Transfer A.S. Degree
First-Line Supervisor, Manager of Mechanics, Heating and Air Conditioning, Refrigeration Mechanic

Certificate
Automotive Service Technician and Mechanic, Electrical and Electronics Installer and Repairer

Employment Concentrations
Engine Performance Technician
Heating, Air Conditioning and Refrigeration Mechanic, Electrical and Electronics Installer and Repairer

General Certificate Technician
Porter, Express Technician, Light Repair Tech

General Technician
Automotive Service Technician and Mechanic

Transfer Preparation
MSJC offers a range of course work to prepare students to transfer to four-year colleges and universities. Courses that fulfill major requirements for an associate degree in this program might not be the same as those required for transfer into the major at a four-year university. All four-year institutions prescribe their own standards for course evaluation and admissions. Prospective transfer students are advised to research careers, degrees and majors in the Career/Transfer Center, access www.assist.org, review the MSJC catalog and meet with a counselor to expedite their transfer plan.

Learning Outcomes
• Pass all eight areas in the ASE certification.
• Complete all NATEF (National Automotive Technician Education Foundation) task sheets.
• Prepare to enter the workforce in the automotive industry.

Degree
Non-Transfer Degree
A.S. in Automotive Technology
In addition to the 20 units of the certificate program in Automotive/Transportation Technology, students must also complete all MSJC General Education Option A requirements (a total of 60 units) for the Associate of Science degree in Automotive/Transportation Technology.
Certificate in Automotive/Transportation Technology
(20 units)

Required Courses (20 units)

- **AUME-072** Basic Auto Mechanics 4 units
- **AUME-087** Engine Performance I 4 units
- **AUME-095** Automotive Brake Systems 4 units
- **AUME-096** Automotive Electrical/Electronics I 4 units
- **AUME-120** Automotive Suspension, Steering and Alignment Systems 4 units

Employment Concentrations

**Engine Performance Technician (14 units)**
- **AUME-088** Engine Performance II 4 units
- **AUME-097** Automotive Electrical/Electronics II 4 units
- **AUME-111** Emission Controls A6/A8/L1 6 units

**General Certificate Technician (11 units)**
- **AUME-089** Basic Maintenance Light Repair I (MLR) 4 units
- **AUME-090** Basic Maintenance Light Repair II (MLR) 4 units
- **AUME-091** Maintenance Light Repair III (MLR) 3 units

**General Technician (14 units)**
- **AUME-070A** Automatic Transmissions & Transaxles 4 units
- **AUME-070B** Manual Transmissions & Transaxles 4 units
- **AUME-092A** Automotive Engine Theory and Repair (Bottom End) 3 units
- **AUME-092B** Automotive Engine Theory and Repair (Upper End) 3 units

Note: Every effort has been made to keep program information current. Please use this information as a guide and consult with the chair of the department/program or an MSJC counselor.
Undergraduate certificate in Automotive Transportation Technology

Program Length: 72 weeks

Students graduating on time
0% of Title IV students complete the program within 72 weeks1

Program Costs*

$920 for in-state tuition and fees
$6,820 for out-of-state tuition and fees
$3,942 for books and supplies

Other Costs:
Parking Permits cost $68 a year or $34 a semester
RTA Go Pass cost $12 a year or $6 a semester
SGA discount sticker (optional) - $14 a year or $7 a semester
Student representation fee (optional) - $2 a year or $1 a semester
Help a Student Fund (optional) - $4 a year or $2 a semester
Student Health Center Fee - $40 a year or $20 a semester

*For summer session fees, please see: https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx
Visit website for more program cost information: /www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx

Note that the information is subject to change.

Students Borrowing Money

The typical graduate leaves with
N/A* in debt2

*Fewer than 10 students completed this program within normal time. This number has been withheld to preserve the confidentiality of the students.

The typical monthly loan payment
N/A* per month in student loans with an interest rate of N/A*.

*Fewer than 10 students completed this program within normal time. This number has been withheld to preserve the confidentiality of the students.

Graduates who got jobs
N/A* of program graduates got jobs

*We are not currently required to calculate a job placement rate for program completers.

Program graduates are employed in the following fields:
- Electrical and Electronics Installers and Repairers, Transportation Equipment: http://onetonline.org/link/summary/49-2093.00
- Electronic Equipment Installers and Repairers, Motor Vehicles: http://onetonline.org/link/summary/49-2096.00
- Automotive Master Mechanics: http://onetonline.org/link/summary/49-3023.01

Licensure Requirements

The following do not have licensure requirements for this profession:
- California

Additional Information:
No additional notes provided.

Date Created: 5/14/2019

These disclosures are required by the U.S. Department of Education

Footnotes:

1 The share of students who completed the program within 100% of normal time (72 weeks).
2 The share of students who borrowed Federal, private, and/or institutional loans to help pay for college.
3 The median debt of borrowers who completed this program. This debt includes federal, private, and institutional loans.
4 The median monthly loan payment for students who completed this program if it were repaid over ten years at an NA* interest rate.
5 The median earnings of program graduates who received Federal aid.
6 Some States require students to graduate from a state approved program in order to obtain a license to practice a profession in those States.
7 State Job Placement Rate:
   None of the state this placement rate is calculated for:
      N/A
   Follow the link below to find out who is included in the calculation of this rate:
      N/A
   What types of jobs were these students placed in?
      N/A
   What were the former students employed?
      N/A
   How were completers tracked?
      N/A

8 Accreditor Job Placement Rate:
   None of the accrediting agency this placement rate is calculated for:
      N/A
   Follow the link below to find out who is included in the calculation of this rate:
      N/A
   What types of jobs were these students placed in?
      N/A
   What were the former students employed?
      N/A
   How were completers tracked?
      N/A