Automotive/Transportation Technology

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561
Dean of Instruction, Career Education & Categorical Programs (951) 487-3441

Degree(s)

Transfer:
None

Non-Transfer:
A.S. in Automotive/Transportation Technology 6400.AS.AUME
(with General Education Requirements Option A)

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

Employment Concentration Certificate(s)
 Automotive Emission Technician 99999.ECC.AUME.AET
 Automotive Service Advisor/Automotive Service Shop Management 99999.ECC.AUME.ASA
 Engine Performance Technician 99999.ECC.AUME.ENG.PERF
 General Technician 99999.ECC.AUME.GENTECH
 Honda Fast Track 99999.ECC.AUME.HFT

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
Instructional Programs

Employment Concentrations

Automotive Service Advisor/Automotive Service Shop Management
Sales and Service Manager, First-Line Supervisor, Manager of Mechanics

Automotive Emission Technician
Heating and Cooling Systems Mechanic, Automotive Service Technician and Mechanic

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

General Technician
Automotive Service Technician and Mechanic

Honda Fast Track
Porter, Express Technician, Light Repair Tech

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.

STATEMENT OF DEGREE

The major for an Associate in Science (AS) degree in Automotive/Transportation Technology may be met by completing the certificate in the Automotive/Transportation program. In addition, students must complete all MSJC General Education Option A requirements for the Associate in Science degree in Automotive/Transportation Technology.

CERTIFICATE

Certificate in Automotive/Transportation Technology (20 units)

Required Courses (20 units)
AUME-100 Basic Auto Mechanics 4 units
AUME-119 Automotive Brake Systems 4 units
AUME-120 Automotive Suspension, Steering and Alignment Systems 4 units
AUME-122 Engine Performance I 4 units
AUME-126 Automotive Electrical/Electronics I 4 units

EMPLOYMENT CONCENTRATIONS

Automotive Emission Technician (13 units)
AUME-110 Basic and Advanced Clean Air Car Course 6 units
AUME-111 Emission Controls A6/A8/L1 6 units
AUME-112 Bureau of Automotive Repair (State of California) Update Training Course 1 unit

Automotive Service Advisor/Automotive Service Shop Management (4 units)
AUME-132 Automotive Service Advisor 2 units
AUME-133 Automotive Shop Management 2 units

Engine Performance Technician (14 units)
AUME-123 Engine Performance II 4 units
AUME-127 Automotive Electrical/Electronics II 4 units

General Technician (17 units)
AUME-118 Heating/Air Conditioning Systems 4 units
AUME-124 Engine Theory and Repair 5 units
AUME-175 Automatic Transmissions & Transaxles 4 units
AUME-185 Manual Transmissions & Transaxles 4 units

Honda Fast Track (6 units)
AUME-101 Maintenance Light Repair I 2 units
AUME-109 Basic Maintenance Light Repair II 4 units

Mt. San Jacinto College 2013-2014 Catalog

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.