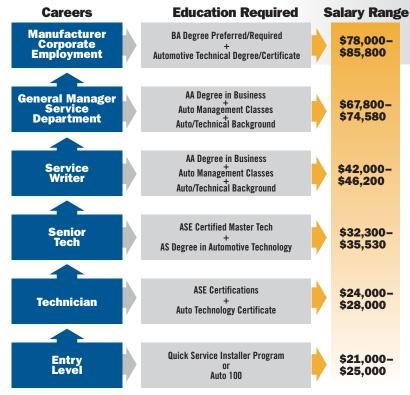
| rast and ridjected job openings and Lannings | | | | | | | | | |
|--|--------------|--------------|---------------|---------------------|--------------------|-----------------|-------------------|-----------------------|--|
| | | | | | | Earnings | | | |
| Advanced Transportation Occupations in Region | 2016 Jobs | 2021 Jobs | Job Growth | 5 Year Openings* | Annual Openings | Entry Hourly | Average Hourly | Experienced Hourly | |
| First-Line Supervisors of Mechanics, Installers, and Repairers | 4,429 | 4,855 | 9% | 2,352 | 470 | \$18.87 | \$34.15 | \$51.10 | |
| Automotive Body and Related Repairers | 1,599 | 1,702 | 6% | 876 | 175 | \$11.47 | \$19.10 | \$32.97 | |
| Automotive Service Technicians and Mechanics | 9,848 | 10,482 | 6% | 5,281 | 1,056 | \$10.68 | \$19.20 | \$32.92 | |
| Bus and Truck Mechanics and Diesel Engine Specialists | 4,519 | 5,023 | 11% | 2,577 | 515 | \$13.29 | \$22.84 | \$33.73 | |
| Mobile Heavy Equipment Mechanics | 1,728 | 1,862 | 8% | 970 | 194 | \$16.10 | \$25.98 | \$37.61 | |

Past and Projected Job Openings and Earnings

*openings reflect job growth and attrition over five years

Auto Technician Career Path

Most employers prefer to hire employees who have completed a vocational or community college automotive technical program.



Mt. San Jacinto College

1499 N State St San Jacinto, CA 92583

Automotive Programs:

- A.S., Automotive/Transportation Technology
- Automotive/Transportation Technology Certificate
- Automotive Emissions Technician
- Automotive Service Advisor
- Automotive Service Shop Employment Conc.
- Engine Performance Technician
- General Technician Employment Conc.
- Honda Fast Track Employment Conc.

Contact: Robert Pensiero (951) 487-6752 rpensiero@msjc.edu www.msjc.edu/AutomotiveTransportationTechnology/ Pages/default.aspx





ECONOMIC & WORKFORCE DEVELOPMENT

Automotive Technology Career





Fast Track to an Automotive Technology Career at Mt. San Jacinto College

"Tesla Model S chassis. Instructors at Roundtable event with Tesla Motors discussing innovations in automotive technology and how they use technicians"





The Clean Energy & Transportation Initiative

Fast Track to an Automotive Technology Career

There are many paths to an automotive technology career. Our College offers the training necessary for a successful future in automotive technology. Choose from many different tracks, such as classes in auto mechanical general service to specialized service such as drive train, electric/hybrid systems, and engine performance courses.

Why Choose a Career in **Automotive?**

The average wage across our region for automotive service technicians and mechanics is \$39,900 annually, or \$19.20 hourly. To start, you only need to have a high school diploma, although most employers prefer to hire employees who have completed a post-secondary vocational or community college automotive technician training program.

Program Highlights

Our programs are supported by a wide variety of partners from both the state, college, and private industry. Most colleges offer specific corporate programs to ready you for a career in the auto industry. Our corporate programs include well-known companies such as General Motors, Ford, and Chrysler, as well as Imports.

Southern California is a great place to start your career in the automotive industry. Southern California is home to over 500 new car dealerships, and in addition many corporate offices are located here, including BMW. Chrysler, Ford, General Motors, Hyundai, Isuzu, Kia, Mazda, Suzuki, Toyota, and others! Plus, career enhancement opportunities exist for all graduates to progress within the dealer organization, including as a Service Manager. Parts Manager, and Service Advisor to name just a few.

Qualifications

For anyone planning ahead for a career in automotive technology, students are advised to take courses in English, mathematics, computer technology, electronics, and auto and machine shop. To be successful, a high degree of mechanical ability as well as customer and personal service, engineering and technology knowledge, and critical thinking are necessary, as well as manual dexterity, auditory attention, and visualization.



Automotive technologies are becoming more advanced

Industry Sector Pathway:

Automotive/Advanced Transportation

| Secondary Courses (Technical) | 2-Year/Community College Programs | Pathway Options | Employn Opportun | |
|---|--|---|---|--|
| Aost H.S. Level Programs Organize Their Courses as Follows: htro to Auto 1 Overall Systems Basic Theory Some Tires | Most college Level Programs Organize Their Courses as Follows: ASE 1-9 ordered • Engine Repair • Auto Transmissions • Man. Transmissions | Which Path? More Education or Enter Workforce | Entry Level: Lube Tech Tire & Battery Serv Porter (Lot) Parts Counter/Del Inspection Auto Body Tech | |
| ntro to Auto 2 Electronics/Electrical Brakes | Suspension Brakes Electrical A/C | | Glass Installer Upholstery/ Interio Audio/Sound/Netv Tuner | |
| itro to Auto 3 Suspension Chassis Steering | Engine Performance Diesel/Heavy Duty Advanced Course Opportunities Include: | Community College Prep Programs | Small Engine Rep Assemblers Emissions/Smog (HVAC Tech | |
| I .L.R. Preparation MLR 1, MLR2, MLR3 dditional Opportunities Include: YES Opportunity SE Preparation SE Student Certificate | Electric & Hybrid Technologies Alternative Fuels/CNG/LNG Emissions Testing On-Board Computer Systems Software Tech Networking | Business Education • Business Plan • Supervision • Customer Service • Inventory Mgt. | Middle Skill: Service Manager Shop Foreman Team Leader/Mas Quality Control | |
| Secondary (Academic) ath Measuring Conversions Angles | Auto Machining Auto Body • Frame Repair • Paint • Welding & Cutting | Financial Mgt. Transfer Preparation Math Physics Gen. Ed CSU/IGETC | Service Writers Cylinder Block Spe Cylinder Head Mar Machining (CNC) Motorcycle Mecha Dissemblers | |
| eading Standard Documents & Instructions ommunications Oral/Written omputer Applications Iterpreting Diagrams & Charts Iformation Retrieval & Data | Volume Receive Davie Provide Receive Davie SunBus - 2580 B | 4-Year Transfer/Degree Business Management Electrical Engineering Mechanical Engineering Software Engineering Environmental Engineer | Retail Dealer High Skill: Owner/Entreprene Data Acquisition// Factory Engineerin Teacher | |

Handshake, Personal Presentation, Resume Writing



Employment **Opportunities**

Entry Level:

Lube Tech **Tire & Battery Service** Porter (Lot) Parts Counter/Delivery Inspection Auto Body Tech Glass Installer Upholstery/ Interior Audio/Sound/Network Tuner Small Engine Repair Assemblers Emissions/Smog Check Tech HVAC Tech

Middle Skill: Service Manager Shop Foreman Team Leader/Master Tech Quality Control Service Writers Cylinder Block Spec Cylinder Head Machining Machining (CNC) Motorcycle Mechanic Dissemblers **Retail Dealer**

High Skill: **Owner/Entrepreneur** Data Acquisition/Analysis Tech Factory Engineering Tech Teacher Software Engineering High Performance Engineering

nguage, Honesty, Cell Phone Do's & Excuses", Team Work, Show Initiative, Don't Just Stand There!, Attitude, Job Search Skills, Eye Contact, Firm

SKILS

Are You Good At?

- Repairing Things
- Problem Solving
- Trouble Shooting
- Active Listening

Wondering How to **Get Started?**

We offer a variety of automotive certificates, and can help you on your way to achieving an AS degree as well with the addition of a few general education classes. Just pick your path and choose between day or night classes! Many certificates can be finished within a year, and financial aid and scholarships are available.

Automotive Information Links:

Automotive Youth Educational Svstems

http://www.ayes.org/

National Automotive Technicians Education Foundation http://www.natef.org/

National Institute for Automotive Service Excellence http://www.ase.com/

Knowledge

Do You Like?

- Mechanical Repairs
- Customer Service
- New Technologies
- Working with Computers

