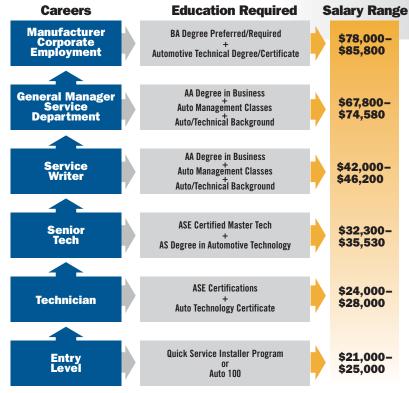
Past and Projected Job Openings and Earnings Earnings									
Advanced Transportation Occupations in Region	2016 Jobs	2021 Jobs	Job Growth	5 Year Openings*	Annual Openings	Entry Hourly	Average Hourly	• Experienced Hourly	
First-Line Supervisors of Mechanics, Installers, and Repairers	4,429	4,855	9%	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	

\*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.



## **Victor Valley** College

18422 Bear Valley Rd., Victorville, CA 92395

#### **Automotive Programs:**

- Automotive Brake & Suspension Spec. Certificate
- Automotive Drivability Spec.
- Certificate • Automotive Inspection & Main.
- Tech. Certificate • Automotive Repair Shop
- Manager Certificate
- Automotive Specialist 1 Cert. • Automotive Specialist 2 Cert.
- Automotive Technician Cert.
- A.S., Automotive Technology
- Automotive Transmission Spec.
- Certificate • Automotive Window Tinting
- Tech Certificate Basic Inspection Area SMOG
- Tech Certificate

#### Contact:

Harry Bennett Jr., 760-245-4271 x2403 Harry.BennettJr@vvc.edu www.vvc.edu/academic\_programs/hsps/









## **Fast Track to an Automotive Technology Career** at Victor Valley College

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





- Collision Repair Tech. Cert. • Engine Machinist Specialist Certificate • Enhanced Inspection Area
- SMOG Tech. Certificate Heavy Duty Diesel Truck Lube and Insp. Spec.
- Certificate Heavy Duty Truck Brake
- Repair Spec. Certificate
- Motorcycle Repair
- Technician Recreation Vehicle Service
- & Repair Tech. Certificate Small Engine Repair
- Specialist Certificate

ECONOMIC & WORKFORCE DEVELOPMENT





#### 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	<ul> <li>Suspension</li> <li>Brakes</li> <li>Electrical</li> <li>A/C</li> </ul>		Glass Installer Upholstery/ Interio Audio/Sound/Netv Tuner	
<b>itro to Auto 3</b> Suspension Chassis Steering	<ul> <li>Engine Performance</li> <li>Diesel/Heavy Duty</li> <li>Advanced Course Opportunities Include:</li> </ul>	Community College Prep Programs	Small Engine Rep Assemblers Emissions/Smog ( HVAC Tech	
I <b>.L.R. Preparation</b> MLR 1, MLR2, MLR3 <b>dditional Opportunities Include:</b> 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	
<b>Secondary (Academic)</b> ath Measuring Conversions Angles	Auto Machining Auto Body • Frame Repair • Paint • Welding & Cutting	<ul> <li>Financial Mgt.</li> <li>Transfer Preparation</li> <li>Math</li> <li>Physics</li> <li>Gen. Ed</li> <li>CSU/IGETC</li> </ul>	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	<ul> <li>4-Year Transfer/Degree</li> <li>Business Management</li> <li>Electrical Engineering</li> <li>Mechanical Engineering</li> <li>Software Engineering</li> <li>Environmental Engineer</li> </ul>	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

