

here are many paths to a career in automotive. Cerritos College offers the fast track to 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, cooling and heating, and electrical systems courses.

SKILLS Are You Good At?

- Repairing Things

- Problem Solving

- Troubleshooting

- Active Listening

#### Why Choose a Career in Automotive?

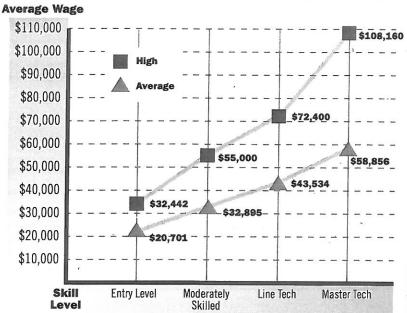
The median wage in 2013 for automotive service technicians and mechanics was \$41,835 annually, or \$20.11 hourly. To start, you only need to have a high school diploma, although most employers prefer to hire employees who have completed a postsecondary vocational or community college automotive technician training program.

# **Program Highlights**

Our programs are supported by a wide variety of partners from both the state, college, and private industry. Cerritos College offers 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.

# What Do Auto Technicians Earn?



## **Auto Technician Education**

# **Bachelor of Arts Degree**

(Includes Major Requirements - Varies by University)

#### **Associate Degree** (Includes General Education Classes)

+ Work Experience (2 Years) ASE A8 – Engine Performance

ASE A6 - Elec./Electronic Sys.

ASE A7 — Heating & A/C

ASE A5 - Brakes

ASE A4 - Suspension & Steering

ASE A3 - Manual Drivetrain

ASE A2 - Auto. Transmissions

ASE A1 - Engine Repair

Industry Certification ....

Electronic Engine Mgt. Sys. **Automotive Electricity Automotive Brakes Auto Steering & Suspension Manual Drivetrains & Axles** Auto. Trans & Transaxles **Automotive Engines Automotive Maintenance** 

**Open Entry** 

# **Auto Technician Career Path**

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

Careers	<b>Education Required</b>	Salary Range
Manufacturer Corporate Employ- ment	BA Degree Preferred/Required + Automotive Technical Degree/Certificate	\$78,000
General Manager Service Depart- ment	AA Degree in Business Auto Management Classes Auto/Technical Background	\$55,000
Service Writer	AA Degree in Business  Auto Management Classes  Auto/Technical Background	\$38,000
Senior Tech	ASE Certified Master Tech + AA Degree in Automotive Technology	\$29,000
Tech	ASE Certifications + Auto Technology Certificate	24,000
Entry Level	Quick Service Installer Program or Auto 100	<b>&gt;</b>



Entry-level employees learn and practice their skills by working with experienced Technicians.

# Do you like? - Mechanical Repairs - Customer Service - New Technologies - Working with Computers

#### Qualifications

For anyone planning ahead for a career in automotive technology, students are advised to take courses in English, mathematics, computer technology, electronics, physics, 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.

# Wondering How To Get Started?

We offer a variety of automotive certificates, and 'can help you on your way to achieving an AA 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 Systems** http://www.ayes.org/

National Automotive Technicians Education Foundation

http://www.natef.org/

National Institute for Automotive Service Excellence

http://www.ase.com/



Your career path in the automotive department at any community college can be exciting and rewarding. Check out these local Southern California colleges located in Los Angeles and Orange County for more information on how to begin your successful career in the automotive industry.

#### **Cerritos College**

11110 Alondra Blvd. Norwalk, CA 90650 CONTACT: Frank Vega, Department Chair

(562) 860-2451 x2973

www.cerritos.edu/auto

PROGRAMS:

NATEF Master Certified . Ford - ASSET . Chrysler - CAP . General Motors - ASEP . IMPCO - Gaseous Fuels . Import Technician Training Program - ITTP . Certificates of Achievement in: General Technician, Engine/ Machining Technology, Electrical/Diagnosis Technician, Mfg. Specialty, Alternative Fuels · A.A. Degree in Automotive Technology (Includes General Education) . Smog Certification . Diesel

#### **Citrus College**

1000 W. Foothill Blvd. Glendora, CA 91741 CONTACT:

Dr. Jim Lancaster, Dean (626) 852-6403

www.citrus-auto.com

PROGRAMS:

NATEF Master Certification . Toyota Technician Training & Education Network (T-TEN) . Snap-On/NC3 . A.S. Degree in: Automotive Technology; Medium and Heavy Diesel Truck Technology . Certificates and Skill Awards: Master Technician; Toyota/Lexus/Scion Technician; Undercar/ Drivetrain Specialist; under hood Specialist; Maintenance and Light Repair Technician; Automotive Research and Development: Medium and Heavy Diesel Truck Service, Diagnosis, and Repair Technician

#### **Cypress College**

9200 Valley View St. Cypress, CA 90630 CONTACT:

John Alexander, Department Chair (714) 484-7231

jalexander@cypresscollege.edu PROGRAMS:

ASE NATEF Master Certified . Toyota/Lexus/ Scion Sponsored Technician Training (T-TEN) Certificate of Completion in Automotive Technology . A.A. Degree in Automotive Technology (Includes General Education)

#### **East Los Angeles** College

1301 Avenida Cesar Chavez Monterey Park, CA 91754 CONTACT: Adrian Banuelos, Chairperson

(213) 763-3901

www.elac.cc.ca.us

PROGRAMS:

NATEF Master Certified . Fast Track Automobile Technology Program (Short Term Classes) Certificate of Achievement in: Automobile Technology, Cooling Systems and Climate, Control and Drivetrain Specialist, Engine Performance Drivability . A.S. Degree in Automotive Technology

#### El Camino College

15007 Crenshaw Blvd. Torrance, CA 90506 CONTACT: ITECH START Center (310) 532-3670 ext. 6780 www.elcamino.edu/academics/ indtech/autotech/

PROGRAMS: Certificates of Achievement: Automotive Technician I; Automotive Technician II; Automotive Brake/Suspension, Transmission/ Drive Train Technician; Automotive Engine Rebuilding and Repair Technician; and Automotive Tune-up Technician . Certificate of Accomplishment: Automotive Air Conditioning Technician; Automotive Brakes and Suspension Technician; Automotive Engine Rebuilding and Repair Technician; and Automotive Transmission and Drive Train Technician

#### **Fullerton College**

321 E. Chapman Ave. Fullerton, CA 92832 CONTACT:

David Diaz, Shop Coordinator (714) 992-7119 ddiaz@fullcoll.edu

Jose Victor Miranda, Department Coordinator imiranda@fullcoll.edu (714) 992-7565

techneng.fullcoll.edu/automotive.html

PROGRAMS:

Level 1 and Level 2 Smog Inspector Certificate . Section 609 Certification: Mobile Air Conditioning Society Worldwide . A.S. Degree in Automotive Technology . Automatic Transmission Specialist; Automotive Management; Automotive Service Advisor Specialist; Automotive Technology Certificate; Chassis Specialist; Emission Control Specialist; Engine Performance Specialist; Fabrication Specialist; Light Repair Specialist; Maintenance Specialist; Manual Drive Train Specialist

#### **Golden West College**

15744 Golden West St. Huntington Beach, CA 92647 CONTACT: John Kasabian, Department Chair (714) 895-1002 PROGRAMS: NATEF Master Certified . American Honda PACT

Program - Express Service and Maintenance, Light Repair . Degree Specialization in: Chassis and Drivetrain, Engine Performance and Emission . Certificate in Chassis and Drive Train; Engine Performance and Emissions; Light Duty Diesel Specialist; **Electric Vehicle Specialist** 

#### **Long Beach City** College

1305 E. Pacific Coast Hwy.

Long Beach, CA 90806 CONTACT: (562) 938-3277 attc.lbcc.edu PROGRAMS: Advanced Transportation Technology (ATT)

#### **Los Angeles Trade Technical College**

400 W. Washington Blvd. Los Angeles, CA 90015 CONTACT:

Jess Guerra (213) 763-3919 guerraj@lattc.edu http://college.lattc.edu/transportation/

PROGRAMS:

Student SAE . Snap-on DVOM . Snap-on Diagnostics . Snap-on Wheel Balance/ Alignment . CCDET I - Periodic Smoke Inspection Program . CCDET II Diesel Exhaust After-treatment • S/P2 • MACS • I-CAR, NATEF certified . A.S. Degree in: Automotive and Related Technology; Diesel and Related Technology • Certificates in: Automotive and Related Technology; Automotive and Related Technology: Tune-up; Automotive and Related Technology: Transmission Repair; Diesel and Related Technology: Hybrid and Plug-in Electric Vehicle Technology

#### Pasadena City College

1570 E. Colorado Blvd. Pasadena, CA 91106

CONTACT: Wayne Houlihan (626) 585-7270 Wendy Lucko (626) 585-3266

www.pasadena.edu/divisions/ engineering-tech/index.cfm

PROGRAMS:

NATEF Certification . A.S. Degree in Engineering Technologies Systems (Includes General Education) . Certificates of Achievement in: A/C Tech; All Automotive Systems; Electrical/Electronics Systems; Engine Performance Technician; Powertrain Technician; Undercar Technician; Underhood Technician

#### **Pierce College**

6201 Winnetka Ave. Woodland Hills, CA 91371 CONTACT: Tom Fortune, Department Chair

(818) 710-4320 www.piercecollege.edu/

PROGRAMS:

Certificate of Completion in: Auto Technology: Emissions Specialist; Light Service Tech;

Performance Applications; Powertrain Specialist · A.A. Degree in Automotive Technology (Includes General Education)

#### **Rio Hondo College**

3600 Workman Mill Rd. Whittier, CA 90601

CONTACT:

Steve Tomory, Professor/Coordinator (562) 463-7371

http://www.riohondo.edu/career-and-technicaleducation/automotive-tech/

PROGRAMS:

ASE/NATEF Certified Auto Tech Program (MAST-Level) • California Automotive Business Coalition's Automotive Technician Training Standards (ATTS) Certified Auto Tech Program (Level III) . Honda PACT Program . Smog Testing and Heavy Equipment Maintenance B.S. Degree in: Automotive Technology A.S. Degree in: Advanced Engine Performance, Automotive Technology, and Alternative Fuels and Advanced Transportation Technology • Certificate of Achievement in: Advanced Engine Performance/Technician; Alternative Fuels and Advanced Transportation Technology; Brake and Suspension Service; Diesel Fuel and Emissions Systems; Engine Repair; Transmissions Service; Fuel Injection Systems; General Automotive Service; General Service Technician; Safety/ Comfort/Convenience Systems

#### Saddleback College

28000 Marguerite Parkway Mission Viejo, CA 92692

CONTACT:

Clifford Meyer, Department Chair (949) 582-4996

http://www.saddleback.edu/atas/ autotech

PROGRAMS:

State of California Bureau of Automotive Repair Certified Training Institution • A.S Degree in: Automotive Technology • Certificate in: Alternative Fuel Vehicle Specialist; Automotive Chassis Specialist; Engine Service Specialist; Engine Performance Specialist; General Automotive Technician

## Santa Ana College

1530 West 17th St. Santa Ana, CA 92706 CONTACT:

Glen Hammonds, Department Chair (714) 564-6664

Hammonds glen@sac.edu www.sac.edu

PROGRAMS:

A.A. Degree in: Automotive Technology (Includes General Education); Diesel Technology (Includes General Education) • Certificate of Proficiency in: Advanced Engine Performance; Automotive Business Technology; Automotive Technology; Chassis Service; Diesel Technology; Diesel and Heavy Equipment; Drive Train Service; Engine Performance and Electrical; Engine Service; Mid-Range Engine Service; Transport Refrigeration/Temperature Control; Transport Refrigeration





