

**Good, Steady Work With Much Variety ...  
WHETHER IT'S BUGS, BEMERS OR 18-WHEELERS,  
ALL AUTO OWNERS NEED AUTOMOTIVE SERVICE TECHS**

According to the U.S. Department of Transportation, the United States has more than 250 million vehicles and the most passenger vehicles in the world. Due to technological advances and the ever-increasing complexity of automobiles, the average person can no longer repair his or her own vehicle. Today's automotive service technicians are highly skilled professionals, and much of the world would simply come to a halt without them. Automotive service technicians are in constant demand in the Gulf Coast region, as well other parts of Texas and the U.S. The shortage of these technicians provides outstanding career opportunities for individuals entering into the workforce.



**Factors contributing to the shortage:**

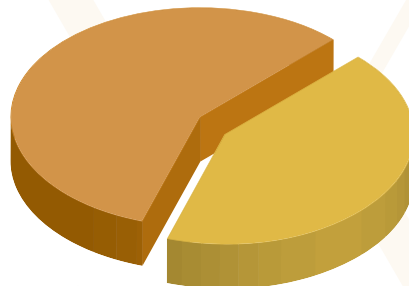
- Industry is no longer able to use untrained mechanics
- The mechanic workforce is approaching retirement age
- Much of the public has a negative view of the profession
- Many of the best mechanics start their own business

**OVER 400 NEW AUTOMOTIVE SERVICE TECHNICIANS ARE NEEDED EACH YEAR.**



Annual Job Openings – Gulf Coast Region

Due to Replacement  
250 Jobs



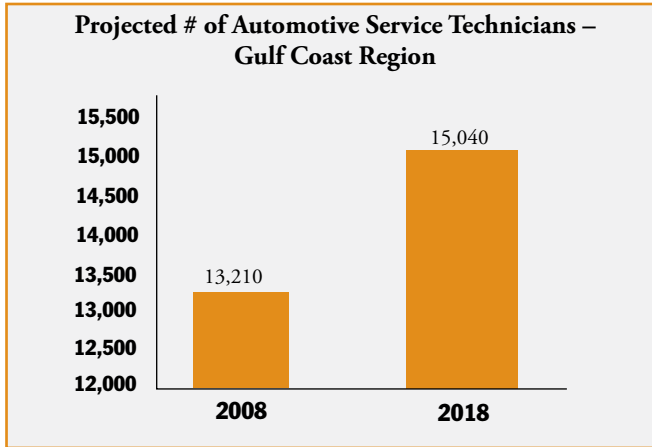
Due to Growth  
185 Jobs

Brought to you by the Education Committee of The Gulf Coast Workforce Board.  
For more information visit us on the web at [www.wrksolutions.com](http://www.wrksolutions.com)  
Latest data available. May 2011.

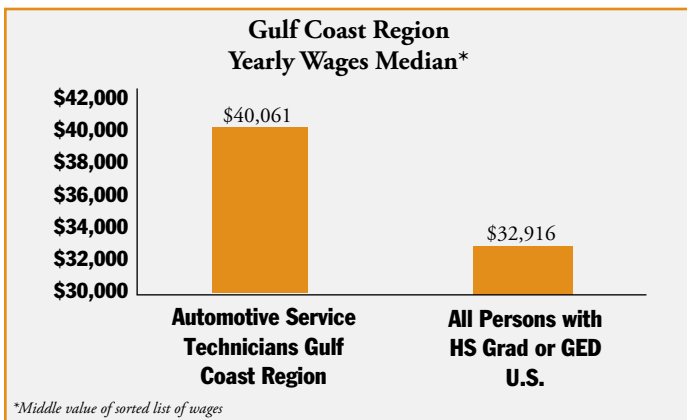
\*Includes the following counties: Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Walker, Waller, and Wharton.

# FOCUS ON AUTO SERVICE TECHNICIANS

**IT IS EXPECTED THERE WILL BE 15,000 AUTOMOTIVE SERVICE TECHNICIANS IN THE GULF COAST REGION BY THE YEAR 2018.**



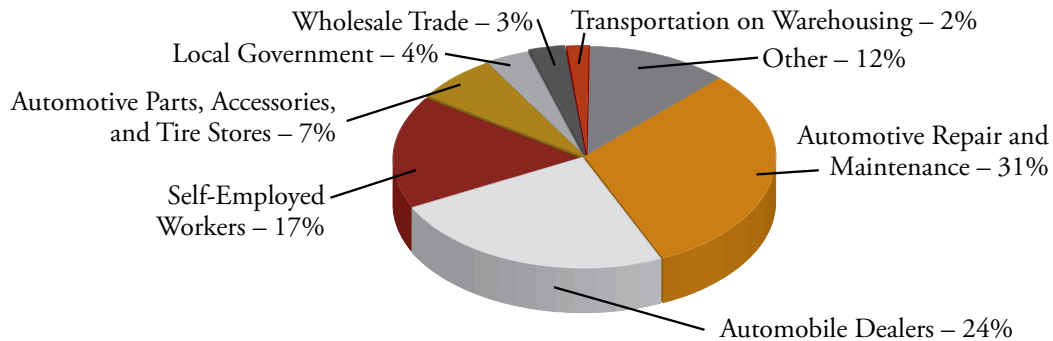
**AUTOMOTIVE SERVICE TECHNICIANS EARN AN AVERAGE ANNUAL SALARY OF MORE THAN \$40,000 IN THE GULF COAST REGION, AND MANY EARN MORE THAN \$50,000 PER YEAR!**



# FOCUS ON AUTO SERVICE TECHNICIANS

**JOB OPPORTUNITIES ARE NOT LIMITED TO RETAIL AUTOMOTIVE REPAIR ESTABLISHMENTS. 17 PERCENT OF AUTOMOTIVE SERVICE TECHNICIANS OWN THEIR OWN BUSINESS.**

## Automotive Service Technicians – Gulf Coast Region 2018



## PATHWAY TO BECOMING AN AUTOMOTIVE SERVICE TECHNICIAN

While some training programs award competency-based certificates, many college programs also offer an associate degree. In the Gulf Coast region, there are two options for obtaining training:

- Training programs at post-secondary vocational schools
- Training programs at community colleges

High schools also offer programs, although they vary in scope. High school programs provide an introduction to automotive technology. Individuals completing high school training are usually better prepared to successfully complete more intensive career training at vocational schools and community colleges.

It is important to remember that most automotive service jobs require technicians to have their own tools, which can cost thousands of dollars.

## CERTIFICATIONS

Certification by the National Institute for Automotive Service Excellence (ASE) is a standard credential for automotive service technicians. There are eight different areas of certifications: electrical systems, engine repair, brake systems, suspension and steering, manual drive train and axles, automatic transmission and axles, engine performance, and heating and air-conditioning. The more certificates a technician has, the better the job opportunity. Certification as a master automobile technician is available to persons with ASE certification in all eight areas. Additional information is available at [www.asecert.org](http://www.asecert.org).

Automotive service technicians that work on air conditioning systems must obtain a national certification from the Environmental Protection Agency (EPA) to handle refrigerants. Additional information is available at <http://www.epa.gov/>.

Automotive service technicians with certification from EPA are required to complete an application for certificate of registration to purchase refrigerant products. Additional information is available at <http://www.license.state.tx.us/>.

# FOCUS ON AUTO SERVICE TECHNICIANS

## PREPARING FOR A CAREER AS AN AUTOMOTIVE SERVICE TECHNICIAN\*

9th Grade		Suggested Coursework	
	English I	World Geography	<b>Career-Related Electives:</b> Introduction to Transportation Service Careers
	Algebra I	Languages other than English I	
	Biology	Health/PE or Equivalent	
10th Grade		Suggested Coursework	
	English II	World History	<b>Career-Related Electives:</b> Technology Systems (Modular Based Lab) or Small Engine Repair I
	Geometry	Languages other than English II	
	Chemistry	Technology Applications	
11th Grade		Suggested Coursework	
	English III	United States History	<b>Career-Related Electives:</b> Automotive Technician I or Diesel Mechanics I
	Algebra II	Communication Applications	
	Physics	PE or Equivalent	
12th Grade		Suggested Coursework	
	English IV	Government/Economics	<b>Career-Related Electives:</b> Automotive Technician II or Diesel Mechanics II
	Precalculus	Fine Arts	
	Environmental Systems		

\*Source: AchieveTexas.org

# FOCUS ON AUTO SERVICE TECHNICIANS

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## GULF COAST REGION AUTOMOTIVE SERVICE TECHNICIAN PROGRAMS

### COMMUNITY COLLEGES

- Brazosport College
- Houston Community College System
- Lee College
- Lone Star College System
- San Jacinto College
- Wharton County Junior College

### MAJOR EMPLOYERS IN THE GULF COAST REGION

- Archer Auto Group
- Champion Auto Group
- City of Houston and other City Governments
- David McDavid Auto Group
- DeMontrond Automotive Group
- Firestone
- Fred Haas Toyota
- Gillman Automotive Group
- Goodyear Tire & Rubber Company
- Group 1 Automotive
- Harris County and other County Governments
- Joe Myers Toyota
- Lone Star Automotive Group
- Mike Calvert Toyota
- Munday Chevrolet
- Planet Ford
- Russell and Smith Auto Group
- Sterling McCall Automotive Group



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