

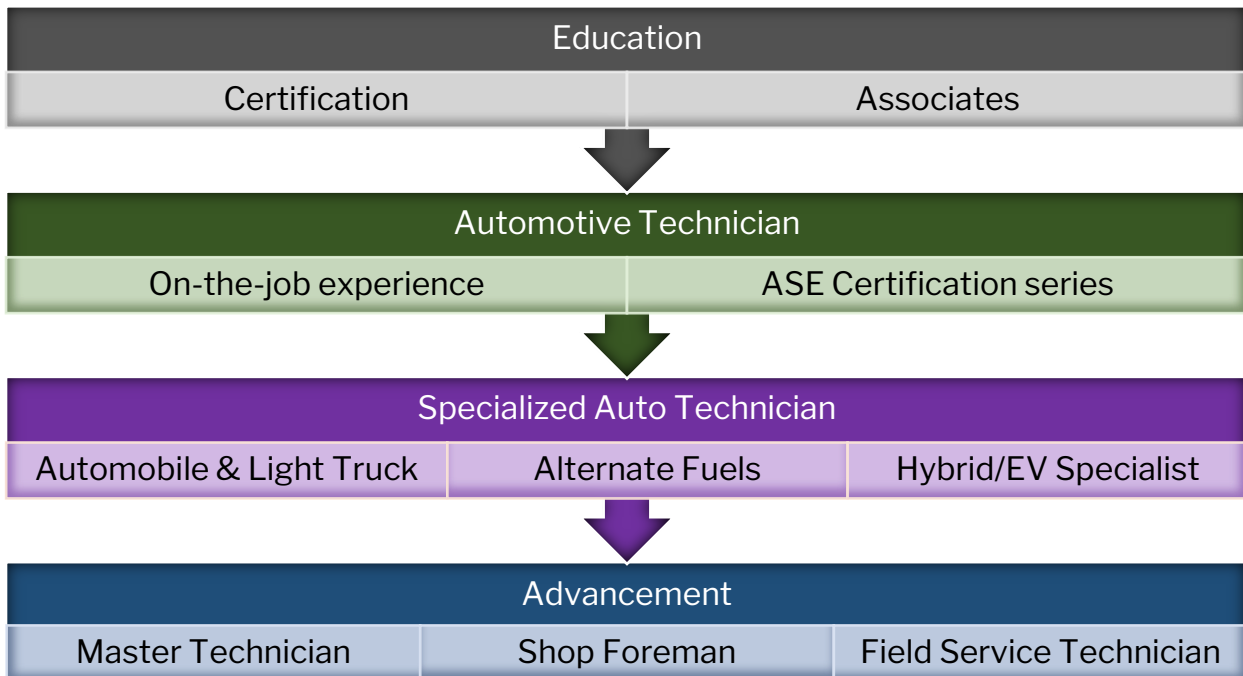
Hybrid & Alternative Fuel Vehicle Technician

Also known as: Automotive Service Technician, Automotive Mechanic/Technician, Service Technician, Electric Vehicle Technician, Hybrid Vehicle Technician

Automotive technicians can specialize in a variety of areas and spend several years training either in the classroom, on-the-job, or in many cases- both. Many begin with an Associate's or certificate program and continue learning while on the job, earning certifications through the National Institute for Automotive Service Excellence (ASE). Areas of specialty include collision repair, alternate fuels, transit, diesel engine diagnosis, hybrid/electric vehicles, and advanced driver assistance systems.

Pay Scale	Education	Projected Opportunities
\$48,370 in 2021 in WA \$46,880 in 2021 in U.S.	High School Diploma, Certificate, Associates	1,840 through 2030 in WA 73,300 through 2031 in U.S.

Career Path



(The career path for vehicle technicians can vary but begins with education, either certification or an associate. Automotive technicians gain on-the-job experience and can complete the ASE certification series. Completing an ASE certification series can lead to becoming a specialized auto technician in areas such as hybrid/EV, automobile & light truck, and alternate fuels. Further advancement leads to positions such as master technician, shop foreman, and field service technician.)

Training & Requirements

Training	Required Skills	Responsibilities
<p>Some automotive technicians begin training while in high school if they have access to classes or a trade program while others move on to a certification or associate's program at a trade school or community and technical college. Some schools work with manufacturers and have specialized programs such as the Tesla START program.</p>	<ul style="list-style-type: none"> • Communication with customers and supervisors • Current driver's license and ability to safely operate vehicles • Ability to use computerized diagnostic equipment • Critical thinking and troubleshooting skills • Proper use and maintenance of power and hand tools 	<ul style="list-style-type: none"> • Inspect vehicles for damage and record findings so that necessary repairs can be made • Test drive vehicles and test components and systems • Review work orders and discuss work with supervisors • Perform repair and maintenance on a variety of vehicles or specialization

Additional Information:	Related Careers:
<ul style="list-style-type: none"> • O*NET Occupational Data • U.S. Bureau of Labor Statistics • College Programs • National Institute for Automotive Service Excellence (ASE) • Printable PDF 	<ul style="list-style-type: none"> • Electronic Engineering Technician • Facilities Maintenance Technician • Renewable Energy Technician • Solar Photovoltaic Technician