

# Automotive technology for general service technicians

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**What is the difference between a mechanic and a technician?** A key difference between mechanics and technicians is that mechanics specialize in more hands-on work, like changing oil and brake pads. Automotive technicians do this as well, but they also deal more with electrical diagnosis and identification of drivability complaints.

**What are the duties of automotive technician?** Perform basic care and maintenance, including changing oil, checking fluid levels, and rotating tires. Repair or replace worn parts, such as brake pads, wheel bearings, and sensors. Perform repairs to manufacturer and customer specifications. Explain automotive problems and repairs to clients.

**What is the meaning of automotive technology?** Automotive technology is the study of how self-propelled vehicles move and refers to the creation or design of vehicle technology and the remediation or repairs required. This can involve the engine and other systems, engineering, mechanics and computer technology.

**What is the highest level of automotive technician?** If all eight tests are passed an ASE Master Technician Certification is awarded. Master Techs are considered experts in automotive repair. ASE also has an Advanced Engine Performance Specialist test and Certification. These technicians are like medical specialists such as Cardiologists or Surgeons.

**Is a technician higher than an engineer?** Key differences between technicians and engineers Usually, engineering positions require a higher level of education than technician jobs do. Being a technician involves fixing and monitoring certain

systems, and you can learn the basic technical information for one of these jobs in a diploma or certification course.

**What is the difference between technical and technician?** While both technologist and technician jobs are interrelated, a technologist has a four-year engineering degree whereas a technician often obtains a lower degree or certification and works under a technologist.

**How do you describe an automotive technician on a resume?** Proven ability to diagnose, service and repair mechanical or technical problems effectively. Well regarded for conscientious attitude and meticulous approach in solving challenges. Proficient in the use of a wide range of hand and power tools. Personable and positive-minded with excellent communication skills.

**What is the role of mechanic technician?** Repair and Maintain Machinery The Mechanical Technician is the first one called when a machine starts to malfunction. They are responsible for diagnosing the issue and making the corresponding repairs. They are also responsible for routine maintenance. They are quite literally the oil that keeps a machine running.

**What is the role of an automotive engineering technician?** Job Summary: The Automotive Engineering Technician will assist the Automotive Engineers by conducting inspections, tests, and data analysis needed to identify and resolve safety, performance, efficiency, and quality issues.

**What are the functions of automotive technology?** Functions of Automotive Technology Automotive technology focuses on the construction, inspection, maintenance, and repair of cars and trucks. It uses diesel, electric, gasoline, and alternative substances, such as ethanol, fuel or energy.

**What technology is used in automotive?** Artificial Intelligence The automotive industry has seen a surge in artificial intelligence (AI) technologies, such as machine learning, deep learning, and computer vision. These are used to guide self-driving cars, manage fleets and assist drivers for improved safety.

**What is a synonym for automotive technology?** Definitions of automotive technology. noun. the activity of designing and constructing automobiles. synonyms:

automotive engineering.

**What are the duties of an automotive technician?** Diagnose and repair electrical and electronic systems. Replace or repair transmissions and fuel components as needed. Repair cooling components and systems including air conditioners and engine cooling. Perform emissions inspections, safety checks and similar state-regulated vehicle examinations.

**What automotive technicians make the most?**

**What is the best certification for a mechanic?** ASE certification is the adopted standard credential for automotive service technicians and mechanics. Service professionals with an ASE certification demonstrate their skills in auto service and repair.

**Are mechanical and technical the same?** "Mechanical engineering" is a specific branch of engineering that focuses on the design, analysis, and manufacturing of mechanical systems, while "technical engineering" is a broad term that doesn't represent a specific field.

**What is higher than a technician?** Engineers often make a higher salary than technicians due to their higher level of education. Engineers are the team managers or leaders and oversee the work of technicians and other members of the team. Engineers can legally approve project plans related to commerce and public safety.

**What is the difference between a mechanic and a technician in aviation?** If an aircraft mechanic is in charge of all the mechanical equipment then an avionics technician has to concern him or herself with all electronics systems. They have to work on running cables, mounting antennas, and installing and connecting different instruments used for navigation and engine monitoring.

**Who can be called a technician?** A technician is someone who has knowledge and training in a technical process. If you are having trouble with your computer network, you might have to call in a network technician to get it sorted out. A technician knows all of the ins and outs (the technicalities) of a specific process.



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