

# AUTOMOTIVE TECHNOLOGY

## TECHNICAL STANDARDS AND ESSENTIAL FUNCTIONS

South Plains College's **Automotive Technology** program has established technical standards and essential functions for the program. The ability to meet these standards and essential functions, with or without reasonable accommodations, is required in order to satisfactorily complete the program.

The college does not discriminate in admission or access to programs on the basis of any characteristic protected by law, including disability. Persons with disabilities are eligible for admission, as long as they can carry out classroom and laboratory assignments; pass written, oral and practical examinations; and meet all of the requirements of the program and generally accepted requirements of the profession, with or without reasonable accommodations.

**Disability & Accommodations Services:** If you have a disability or acquire one, you may be entitled to receive support services and/or accommodations intended to assure you an equal opportunity to participate in, and benefit from, the program. Reasonable accommodations for students with disability related needs will be determined on an individual basis taking into consideration the technical standards and essential skills which must be performed to meet the program objectives. To receive more information or to apply for services, please contact the Student Disability Services 806-716-4675 (Reese/ATC/Plainview) or 806-716-2577 (Levelland).

Requirements	Standards	Examples
<b>Critical Thinking</b>	The ability to understand course materials and maintain a certain grade/performance level that meets the set academic requirements.	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
<b>Communication</b>	The ability to listen, understand, and communicate ideas presented through spoken words and sentences.	Explain repair procedures, document and interpret instructions. Listen attentively. Exhibit effective customer services communication skills.
<b>Mobility</b>	The ability to flex to bend, climb, stretch, twist, or reach with your body, arms, and/or legs.	Operate cranes, hoists, or other moving or lifting equipment. Lift heavy objects with arm/and/or legs.
<b>Motor Skills (Tactile)</b>	The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.  Sufficient finger dexterity and steadiness to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects.	Use hand tools such as screwdrivers, pliers, wrenches, pressure gauges and precision instruments, as well as power tools such as pneumatic wrenches, lathes, welding equipment, and jacks and hoists.  Rewire electrical or electronic systems.
<b>Hearing</b>	The ability to detect or tell the difference between sounds that vary in pitch and loudness.	Hear vehicle noises which signal malfunctions or locations of defects.
<b>Visual</b>	Normal or corrected visual ability sufficient for vehicle observation and assessment, ability to discriminate between subtle changes in density (black or gray) of a color in low light.	Observe equipment in operation and detect potential problems. Read and interpret symbols, colors and numbers  Visually inspect mechanical components of vehicles to identify problems
<b>Safety</b>	The ability to follow and implement safety practices in the shop.	Follow safety procedures as per instructions and/or industry standard.

