

SOUND TECHNOLOGY

TECHNICAL STANDARDS AND ESSENTIAL FUNCTIONS

South Plains College's **Sound 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
Critical Thinking	The ability to understand course materials and maintain a certain grade/performance level that meets the set academic requirements.	Demonstrate judgment and decision making as required to organize various tasks to complete assignments and projects.
Communication	Communication abilities sufficient for interactions with others in verbal and written form.	Use oral expression, reading and writing comprehension to verify the information was received. Confer with producers, performers, and others to determine and achieve the desired sound for a production, such as a musical recording, television show or live sound event.
Mobility	Ability to navigate environment and set up equipment with or without assistance.	Move and access equipment on stages and other various locations at a venue and in the studio, including setup and tear down of equipment before and after an event, such as consoles, speakers, microphones, and cabling.
Motor Skills (Tactile)	The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate or assemble objects.	Utilize meters to diagnose, and soldering equipment to repair or build cables, intricate circuits and other complicated electronics equipment. Includes manipulation of small wires and small circuit board solder points as well as transporting and placing larger equipment such as microphones, stands, speakers, equipment racks, etc. Also, includes routing and patching audio and electrical cabling.
Hearing	Sufficient hearing to distinguish and balance	Regulate volume level and sound quality

	a wide variety of sound.	during audio sessions, using audio consoles, outboard hardware and computer audio software.
Visual	Visual Acuity to operate, repair, solder, or move equipment.	<p>Use meters, and/or other visual indicators in both software and hardware form to ensure equipment is working properly and sound is being recorded/reproduced at proper and/or industry standard levels. Use computer GUI to edit waveforms and adjust signal-processing parameters displayed on a computer monitor.</p> <p>Synchronize and equalize prerecorded dialogue, music, and sound effects with visual action of motion pictures or television productions, using control consoles and computer software systems.</p> <p>Observe and respond to visual cues/requests from performers and/or musicians on stage and/or in the studio.</p>
Safety	The ability to follow and implement safety practices using equipment.	<p>The Sound Technology program prepares students to enter an occupation where electrical safety is a critical competency and will require all students to successfully complete a program specific safety examination prior to participating in laboratory activities. Safety examination includes written and practical “hands-on” preparation, demonstration, and safe operation of occupational processes and equipment.</p> <p>Be aware of surroundings, especially equipment mounted on stands and cabling on floors. Practice safe lifting when moving heavy objects up to 35 lbs. alone or up to 100 lbs. with assistance.</p> <p>Includes soldering and electrical rewiring following safety protocol.</p>