

Technical Standards

TECHNICAL STANDARDS AND ESSENTIAL FUNCTIONS

South Plains College's **Computer Aided Drafting** 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 judgement and decision making as required to organize various tasks and complete assignments and projects.
Communication/ Presentation	The ability to listen to and understand information and ideas presented through spoken words and sentences.	Use oral expression, reading and writing comprehension to verify the information was received. Present ideas both verbally and in written format to various groups of people.
Mobility	The ability to flex to bend, stretch, twist, or reach with your body, arms, and/or legs.	Student is frequently required to sit, stand, bend, kneel, stoop reach and manipulate objects. Demonstrate ability to lift equipment, supplies and documents weighing up to 35 lbs.
Motor Skills (Tactile)	Sufficient strength in both gross and fine motor coordination to use computer-aided drafting systems.	Use hand dexterity to operate a computer workstation. Extensive use of a mouse, keyboard, printers, 3d printers, and other peripheral equipment.
Hearing	Sufficient auditory perception to receive verbal communication.	Receive verbal instruction in a variety of settings, including classroom, computer laboratory and office conference room environments.

Visual	Specific vision abilities required include close vision, distance vision, color vision, and ability to adjust focus.	View computer monitors, drawings and objects for extended periods of time. Distinguish detailed drawing features on a set of construction documents or shop drawings. Use visualization to represent objects in various orthographic projections.
Information Ordering	The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules.	Organizing technical documents in a logical and sequential manner.
Deductive Reasoning	The ability to apply general rules to specific problems to produce answers that make sense.	Apply CAD, architectural and engineering drawing standards and principles to technical drawings.