



Applied Engineering & Technologies Division

Technical Standards for Construction Management Technology

A student wishing to enroll in the Construction Management Technology curriculum must meet the following standards:

They must:

- Have sufficient visual capacity to read blueprints, sketches, schematic diagrams, and other printed documents
- Be able to clearly distinguish colors, shades, and textures of various materials, fabrics, and soils
- Have good peripheral vision and depth perception
- Be capable of distinguishing various sounds, tones, and pitches emitted by construction equipment and voice-sound communication
- Be able to communicate with co-workers at a moderate distance without a line of sight
- Not have a debilitating fear of heights, crawlspaces or confined spaces
- Be able to effectively and clearly communicate with others in English, and to accurately gather, disseminate, and clarify specific information
- Be able to wear the appropriate and required personal protective equipment such as hard hats, safety glasses, steel toe shoes, gloves, face mask, reflective vest, and safety harnesses, as required in the performance of specific duties and as required by the industry
- Be able to understand orders, instructions, and descriptions and be able to read and comprehend technical manuals, manufacturer's instructions, and warning labels in English
- Not have a fear of noise from the use of heavy equipment and various other tools that may be used on a construction site
- Be able to effectively use a computer through the use of a manual keyboard, mouse, and viewing a monitor/screen
- Be able to climb a ladder, scaffolding, or other similar device without assistance
- Be able to lift a dead weight of at least 40 pounds without assistance
- Not have any physical impairment that would prevent ordinary, necessary, and safe personal movement on or about a construction site

The Construction Management profession is comprised of many different positions which include both office and field conditions, either separate or combination. Field conditions provide the greatest exposure to many inherent risks and safety factors which may affect the student and others. The ability to communicate, make reasonable good decisions, and supervise others should be an important consideration for individuals desiring to enter this profession.