



Applied Engineering & Technologies Division

Technical Standards for Civil Engineering Technology

A student wishing to enroll in the Civil Engineering Technology curriculum must meet the following standards:

They must:

- Graduation from High School, or GED
- Qualify for placement in MAT 121
- Qualify for placement in ENG 111
- Possess basic computer skills
- Have an interest in technology and problem solving
- Be able to work on their feet, outdoors for extended periods of time (3-4 hours) in all seasons of the year
- Have the ability to lift and carry 25 lbs. of equipment up to a half mile at a time, through hilly, forested terrain
- Be capable of reading maps, construction plans, documents, and digital displays
- Be capable of using optical equipment which requires manual focusing
- Have the dexterity to operate equipment with sensitive adjustment levers and knobs
- Be able to set wooden hubs and stakes in the ground using a 4 lb. hammer
- Be able to interpret and work from blueprints, schematics, or sketches
- Make accurate measurements with equipment and/or measuring instruments
- Must be able to understand orders, instructions, and descriptions
- Must be able to read and comprehend technical manuals, manufacturer's instructions, and warning labels in English