

Surveying Technicians II - Instrument Tech

Vaughn & Melton Consulting Engineers, Inc. is seeking Surveying Technicians II - Instrument Tech for our Charleston, Spartanburg, SC and Asheville, Boone, and Charlotte, NC locations. The Surveying Technician II – Instrument Tech is responsible for setup and operating surveying instruments, such as conventional/robotic total stations, conventional/digital levels, and GPS measuring equipment, and data collectors and software (Trimble Access and TDS)

ESSENTIAL FUNCTIONS

- Provide assistance in the development of methods and procedures for conducting field surveys.
- Perform manual labor, such as cutting brush for lines, carrying stakes, rebar, and other heavy items, and stacking rods.
- Additional duties and tasks as assigned.
- Maintain equipment and vehicles used by surveying crews.
- Place and hold measuring tapes when electronic distance-measuring equipment is not used.
- Record survey measurements and descriptive data using notes, drawings, sketches, and inked tracings.
- Perform calculations to determine earth curvature corrections, atmospheric impacts on measurements, traverse closures and adjustments, azimuths, level runs, and placement of markers.
- Conduct surveys to ascertain the locations of natural features and man-made structures on the Earth's surface and underground using total stations and GPS equipment.
- Search for section corners, property irons, and survey points.
- Operate land-information computer systems, performing tasks such as storing data, making inquiries, and producing plots and reports.
- Set out and recover stakes, marks, and other monumentation.
- Lay out grids, and determine horizontal and vertical controls.
- Setup and operating surveying instruments, such as conventional/robotic total stations, conventional/digital levels, and GPS measuring equipment, and data collectors and software (Trimble Access and TDS)
- Compile information necessary to stake projects for construction, using engineering plans.

POSITION QUALIFICATIONS

- Responsible - Ability to be held accountable or answerable for one's conduct.
- Safety Awareness - Ability to identify and correct conditions that affect employee safety.

- Technical Aptitude - Ability to comprehend complex technical topics and specialized information.

SKILLS & ABILITIES

- **Education:** High School Graduate or General Education Degree (GED): Required
- **Experience:** 2 plus years of experience
- **Computer Skills:** Must become proficient in use of various Computer Aided Drafting Software applications, Surveying and Mapping Software and electronic devices, data entry and computational software applications.
- Must have and maintain valid driver's licenses.
- Applicant will submit to drug tests and background checks.
- Applicant must be able and willing to work outdoors in all weather conditions and on any terrain.