



Class GSU-4: Construction Layout- Total Station and Topcon Software

Class Description:

Construction Layout – Total Station and Pocket Layout is a one day, instructor led, class providing students with the working knowledge of Total Stations, (Robotic and Manual), and use and function of Topcon Software. This class combines classroom training and in field, real world, applications of Total Stations and Pocket Layout.

Objectives:

Upon completion of this class, the student will be able to successfully set up a tripod and Total Station, shoot back sights, layout data points, key plan information into Pocket Layout Software, and orient it to the project. Students will be able to perform as-built topos and gain a general understanding of jobsite survey practices and terms.

Syllabus:

- Overview of Plans and Common Survey Terms
- Overview of Total Stations and Software
- Instrument Setup and Back-sight check
- Key plan data into Pocket Layout and orient to Jobsite
- Perform Stake out and as-built topo routines
- Troubleshooting

