



Class GSU-2: Grade Management System Pocket 3D

Class Description:

3D Grade Management System Pocket 3D is a two day, instructor led, class providing students with a working knowledge to set up the construction job site to use GPS for grading and job site layout. This class combines classroom training and in field, real world, applications of the Grade Management System.

Objectives:

Upon completion of this class, the student will be able to successfully: set up the base station, identify the control points needed for localization, perform site localization, review the results of localization and decide if it is acceptable. They will know how to perform various stake-out and topo routines. They will be able to topo and quantify stock piles and under-cuts. They will understand the Topcon file structure and how to use Topcon 3D Office Software.

Syllabus:

- Overview of 3D-GMS Equipment
- Basics of GNSS
- Base Station Setup and Localization
- Pocket 3D Equipment Builder
- Pocket 3D Function/Stake-out and Topo routines
- 3D Office Software
- Topcon File Structure
- MMGPS Setup and Applications
- Troubleshooting

