



GPS/GIS Mapping with Trimble TerraSync and Pathfinder Office

Single Day GPS Training Course Description

This course covers the following topics. General timeline is subject to change based upon attendance and how well the information is received.

- GPS/GIS fundamentals
- Mission planning
- Data dictionary creation
- Configuring the GPS equipment
- Data collection techniques/Advanced data collection techniques with TerraSync
- Downloading data to the computer
- Differential correction using GPS Pathfinder Office
- Data editing and post-processing in GPS Pathfinder Office
- Exporting data to GIS formats
- Multiple Field sessions

Time	Session	Details
9:00 AM	Introduction	Welcome/Introductions Overview of the training schedule
	Global Positioning System	GPS Fundamentals Accuracy Relationships
10:30 AM	Short Break	
	Mission Planning	Create a project in PFO Build/Edit a data dictionary. Transfer your data dictionary.
11:30 AM	Field Data Collection	TerraSync Critical Settings Status Tab – Skyplot Real-time Corrections Creating a Data File Simple Point/Line/Area Collection Collecting lines and Areas with Vertices
12:30 PM	Lunch	
1:30 PM	Field Data Processing	Feature Inspection / Position Properties Post-Processing Using CORS Stations Export to Other Formats Using Background Images
2:30 PM	Advanced Field Data Collection	Nesting Points, Segmenting Lines, Continuing, Laser Offsets, Navigation
3:30 PM	Review and Questions	