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Introduction to GPS Post-processed Surveying

Welcome to GPS Lands Training. Whether you are considering purchasing, an occasional renter, or an existing Trimble customer that would like to become proficient, Trimble Certified Training helps you get the most from your system because we are committed to excellence in product training services.

Why GPS Lands' Introduction to GPS Post-processed Surveying training Course?

This two (2)-day interactive course is designed to ensure that new and existing GPS Total Station users alike are using Trimble Hardware and Software to its fullest potential.

It provides both hands on experience in the field using Trimble GPS receivers, data transfer and analysis using post-processing software (Trimble Geomatic Office) software and also classroom exercises.

Upon completion of the program, attendees will leave the course with a manual complete with information to maximize the use of your GPS equipment. Each attendees will also be awarded a Trimble Navigation certificate upon successful completion.

The topics to be covered in this program will include:

- ☞ GPS-Static
- ☞ FastStatic
- ☞ Kinematic Surveying
- ☞ Introduction to Trimble Geomatic Office Software (TGO)
- ☞ Least Squares Adjustment
- ☞ Trimble Training manual (great resource!)

COURSE OBJECTIVE

The primary goal of this course is to achieve productivity upon completion

COURSE CUSTOMIZATION

This course can be customized to meet your unique surveying or projects specifications and needs. Please contact us to discuss your requirements.

COURSE MAP

This two (2) day course presents GPS fundamentals with classroom and field exercises so that you can apply the fundamentals to using Trimble's products.

DAY 1 (A.M.)	DAY 1 (P.M.)	DAY 2
☞ General Introduction	☞ Project planning & briefing	☞ Review Day 1 Material
☞ Introduction to GPS	☞ Site Visit	☞ Project planning & briefing
☞ Satellite visibility	☞ FastStatic Field Survey	☞ Site Visit
☞ Network Design	☞ Assembling & Checking equipment	☞ Kinematic Field Survey
☞ Static and Fast Static Surveying	☞ Setting up equipment	☞ Setting up equipment
☞ Kinematic Surveying	☞ Observing Satellites	☞ Observing Satellites
☞ Mission Planning	☞ Downloading & processing FastStatic Data with TGO	☞ Downloading & processing FastStatic Data with TGO
	☞ Introduction to Trimble Geomatic Office (TGO)	☞ Course Evaluation
	☞ Importing data into TGO	☞ Written Test
	☞ Reviewing & Troubleshooting baseline solutions	
	☞ Evaluating results	
	☞ Network adjustment (Least squares method)	
	☞ Output survey data : Numeric and Graphical report	

Note :

For all courses it is strongly recommended that you have at least some experience using Microsoft Windows. You are encouraged to experiment with your Trimble equipment before attending a class.