



Trimble Certified Intermediate/Advanced RTK and Static GPS Course

Instructor: Steve Richter

Course Description

This course is designed to provide a more technical understanding of the concepts and applications of the Trimble Real Time Kinematic surveying system using the latest Trimble products. This course is a combination of classroom instruction and field exercises to reinforce classroom instruction. Following the course, students will be sufficiently able to perform a GPS survey using the Trimble RTK GPS survey system, combine Static and RTK techniques, and more advanced understanding of GPS concepts and how to put those to use. Other topics covered will include:

- Performing advanced RTK field techniques
- Combine Static and RTK
- Utilize RTK field checks properly
- Working with field calibrations and county co-ords
- Recording, transferring and processing field data
- Trimble GeoMatics Office Advanced

This 3 day course will be a more advanced level to handle complex projects and troubleshooting with Trimble RTK equipment. We will also cover advanced topics brought forward during the class.

Course Outline

Days 1-2

- RTK GPS
- Radio modem issues
- Windows Mobile Overview
- County Co-ords and Calibration
- Advanced Field Collection Techniques
- Advanced Controller Applications
- Winflash
- Controller Upgrades
- Trimble GeoMatics Office Processing
- Editing Data in Trimble GeoMatics Office
- Point and Road Stakeout (intermediate level)
- Data Processing
- File Management
- Editing Data in DC File Editor

Day 3

- Static Procedures
- Network Design
- OPUS
- Static Field Collection
- Static Processing in Trimble GeoMatics Office
- Least Squares Adjustment in TGO

The course materials include a manual, practice data sets, and certificate of completion.

Course Logistics

- Software Versions:** Courses will be taught on the current software, firmware versions. Customer is responsible for obtaining current versions prior to class from their sales representative.
- Class Schedule:** 3 Day Class
- Class Times:** 8:00am – 5:00pm
Classes start promptly at the times listed above. Each day includes 1 morning and 1 afternoon break, along with a break for lunch.
- Course Price:** \$450.00 per person
- Payment:** Payment in full or purchase order due in advance, no exceptions.
- Refund Policy:** Cancel 2 weeks prior = 100% refund
Cancel less than 2 weeks prior = 50% refund.
No show = no refund.
- CEU/PDH:** Customers are responsible for obtaining CEU/PDH for class attendance using certificate and manual.
- Dates:** March 11-13, 2008
- Class Location:** NDSCS Campus
Horton Hall Room 219
800 6th Street North
Wahpeton, ND 58076

Note: Class size is limited to 12 people per class, so request your registration form today by contacting us at 877-698-3077 or via email tracyr@frontierprecision.com !

