



GPS Alaska, Inc.
Sales - Rentals - Support
11940 Business Blvd., Suite 205
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CONSTRUCTION GRADE MANAGEMENT USING TOPCON GPS+ BASIC TRAINING

Monday & Tuesday, April 7 & 8, 2008 - 8:30 AM to 5:00 PM
AGC Training Room, 8005 Schoon St., Anchorage, Alaska

This Basic Training is designed for **CONSTRUCTION GRADE-CHECKERS, CONSTRUCTION MANAGERS/SUPERINTENDENTS, ENGINEERS, INSPECTORS, AND HEAVY EQUIPMENT OPERATORS** to use Topcon GPS+ Receivers and Software for typical Construction layout and Grade Management. Basic Training in use of latest release of Pocket 3D, 3D Office, and introduction to 3D Machine Control. Classroom and field training in Basic RTK GPS methods. Learn to convert Construction Plans to Digital Files for use on job. Training in transferring data to and from Data Collectors and Laptop Computer. Learn how to “Localize” to existing control points and to identify potential problems. Learn how to maximize advantages of GPS and learn limitations of GPS. Introduction to using Control Box on Dozers, Graders, or Excavators and how to share data with the Operators. Intro to using mmGPS Laser Augmentation for more accurate grades. Reference out points and as-built prior to burial. Learn how to topo an area and create a balanced cut/fill surface with specified slope and to topo stockpile or pit to determine quantities immediately. Learn to quickly and easily determine cut or fill remaining at any spot on the job and to see if it is being built in accordance with the plans or not. There will be a “Field Exercise” at end to require teams to demonstrate these skills on their own. Pre-Requisites: Basic understanding of Construction Plans and Practices.

- **GPS Alaska will provide all GPS Equipment needed.**
- **Bring your own Data Collector if Available** (FC-100, 200, 2000, or 2200). You will be able to update firmware and Pocket 3D during class. *Up to 2 trainees can share a Data Collector. If you do not have one, let us know in advance and we will provide one for you to share.*
- **Bring your own Laptop computer.** You will be able to update 3D Office software during class. *If you do not have your own Laptop you may share one of the classroom computers.*

Certification & Continuing Education

- Certificates of Completion will be provided to all who complete the course.

Cost: \$600 for 2 Day Course. Includes lunches.

- \$60 Discount per trainee for firms sending more than one trainee
- \$60 Early Payment Discount for registering and making payment 21 days prior to training
- \$60 Discount for State of Alaska employee or AGC Member

Discounts can be combined for up to \$120 per trainee.

Refunds will be made as follows:

- 100% for withdrawals at least 14 days prior to start of training
- 50% for withdrawals at least 8 days prior to start of training
- No refunds for withdrawal less than 8 days prior to start of training

Registration: See Next Page – Complete 1 Registration form for each Trainee

