



# Topcon Training Programs



## What is Pointman Training?

Topcon has proven to be the industry leader in the conception, design and manufacture of creative, cutting-edge positioning technologies, and has set the industry standard for unique, time saving features and ease-of-use advancements in our machine control positioning products. When properly applied, these products yield tremendous benefits:

- ✓ increased jobsite productivity
- ✓ reduced staking costs
- ✓ greater control of costly materials
- ✓ better jobsite safety.

Topcon also understands that these positioning technologies are substantially changing the way contractors around the world perform their work. However, learning how to get the maximum utilization of these positioning systems doesn't always happen easily among the pressures of the jobsite.

Pointman Training is the answer. It provides your supervisors the opportunity to learn the many benefits of positioning systems in a real world jobsite situation. Pointman Training is a field oriented, hands-on educational program that covers the operation and



implementation of the latest positioning technologies. The program is designed to provide the participants with a complete overview of all Topcon 3D-MC systems so that when they return, they can work with the local Topcon dealer to train their crews and implement these progressive, profit improvement methods into their daily field operations. Your representatives will participate in classroom “chalk-talk” sessions where product features and function will be taught. At our field Training Site, they will see first-hand how to set-up and use these positioning technologies on real machines and real jobsite scenarios, and through hands-on sessions learn how to apply Topcon methods and products.

In this rapidly changing work environment, maximizing profit is today’s biggest challenge. Pointman Training meets that objective. It’s the affordable opportunity that can’t be passed up in today’s competitive environment.

## **Who Should Attend?**

Two individuals from your company who have direct responsibility for profit generation from field operations. Specifically, their position within your company should be superintendent level or above.

## **What Will It Cost?**

### **3D-MC Pointman Training – 4 day session:**

- ✓ \$1000.00 Training fee for first participant from your company
- ✓ \$750.00 Training fee for each additional participant
- ✓ Travel Expenses, Meals, and Incidentals

## **How Do I Register For a Pointman Training Program?**

Your request for registration must be submitted through your local Topcon Machine Control distributor. For additional questions or information, contact your Topcon dealer, or email [training@topcon.com](mailto:training@topcon.com)

# Professional Classroom Instruction

During classroom sessions participants will:

- Focus on product applications, features and benefits.
- Participate in “chalk talks”. Easy to understand, informative sessions detail the technical elements of each product.
- “Push the buttons” on Topcon’s products for first hand operational experience.
- Share ideas and experiences with other students.



# World Class Training Site

At our “World Class” training jobsite, participants will get hands-on experience taught by professionals. Learn the latest practices and compare with conventional methods, using Topcon’s machinery and equipment on real jobsite applications.

- Work with real jobs and coordinates.
- Sit in the seat; get behind the controls of motorgraders, bulldozers, excavators and tractors to learn how Topcon controls interface with the machines.
- Road construction job files are used for grading demonstrations.
- Hands-on grading areas provide practical application learning



## **3D-MC Pointman Training**

This is a **4 day** program combining classroom and field hands-on training. Course studies include:

- Fundamentals of 3D-MC
- GPS Theory
- GPS Receiver function
- 3D Office Overview
- Grade Management System function including...
  - FC-100/200 & Pocket-3D function
  - GPS base station set-up
  - 3D project localization
  - Survey & stakeout routines
  - Use of the CALC Wizard functions.
- 3DMC set up and function including...
  - 3D-MC Control box functions
  - Setting up various machine types (measurement, etc...)
  - Calibration of the machine (hydraulics, sensors, etc...)
  - 3Dxi Excavator System operation
  - mmGPS set-up
  - LPS-900 System Function
  - Grade verification & troubleshooting

