



Terramodel Training

Introduction to Terramodel and Basic Site Modeling

3 days of Instructor Led / Hands on Training

w/ Certified Terramodel Trainer Bruce Flora PLS

\$995 per person

Pennsylvania

1670 East Race Street
Allentown, PA 18109

Phone: 800-833-9250

Fax: 610-266-3240

Maryland

2140 Priest Bridge Court
Suite 1

Crofton, MD 21114

Phone: 800-331-8451

Fax: 410-451-7073

Massachusetts

455 Fortune Blvd.

Unit 3

Milford, MA 01757

Phone: 888-443-9840

Fax: 508-478-4200

New York

7020 Fly Road

East Syracuse, NY 13057

Phone: 866-205-7488

Fax: 315-414-0781

www.keypre.com

www.keynetgps.com

Email: sales@keypre.com

Email: service@keypre.com

Limit of 12 Students per class

2011 Training Schedule

Allentown, PA February 8-10

Crofton, MD TBD

Syracuse, NY TBD

Milford, MA TBD

Target Audience: Those looking for a basic foundation in Terramodel along with the basic fundamentals of site modeling.

*Included: Lunch, Manual, Trimble Knowledge Network online "Introduction to Terramodel" (prerequisite)
Not Included: Computer*

Class Coverage Includes: (time and interest permitting)

- Configuring Terramodel
- Setting up short cuts
- Drawing and editing points, sets, polylines, curves and text
- Working with and managing layers
- Using object snaps effectively
- Selecting groups of data effectively
- Creating automatic offset lines (edge of pavement, back of curb, & right-of-way)
- DTM and surface methodology
- Learning contour and how to generate topo maps
- Converting polylines to sets; using DTMPNTS command to assign elevations from a DTM to 2D points, and generating vertical DTM surfaces
- Reviewing the roadway flowchart and opening the Road Steps and Road modeling workspaces
- Creating a road centerline (HAL), making it active, naming & registering it
- Setting up Xlines (road cross section/template) locations
- Generating a profile of existing ground along a centerline and creating a vertical alignment
- Creating a road job, roadway materials, and setting up roadway surfaces
- Importing a road template, editing it and view road cross sections
- Calculating earthwork quantities
- Importing CAD .dwg files
- Using the PAD command to create a pad
- Using the DESIGN command to generate automatic side slopes
- Moving and rotating the pad per the site plans
- "Cogo in" a parking lot; using the Pline command and various snap options in Terramodel
- Converting the parking lot polyline to a set
- Learning how to contour the modeled surface
- Assigning different side slopes to the parking lot perimeter
- Using the merge command to create an "as-built" surface
- Viewing the "as-built" DTM in the 3D visualizer



For registration, please email info@keypre.com or contact KPI for more details.