



**Kentucky
Engineering
Center**

**ACEC
Kentucky**

Professional Development

Sponsored by the Kentucky Society of Professional Engineers and the American Council of Engineering Companies of Kentucky

December 8, 9 10 & 11 , 2009

8:00 a.m. until 4:30 p.m.

Location: Kentucky Engineering Center, 160 Democrat Drive, Frankfort

MicroStation for Civil Professionals

Learn the basics of MicroStation necessary for completing civil-related projects. This includes 2D drafting as well as areas of 3D applicable to site and roadway design. You will learn which MicroStation concepts and tools needed to complete the class project of laying out a property boundary, access road, parking lot and building pad.

Getting Started

- Learn Basic MicroStation

Design Files

- Creating a Design File
- Setting Working Units and Coordinate Readout
- Using Levels
- Creating Simple Elements (Blocks, Circles)
- Deleting Elements
- Undoing and Redoing Operations

Placing Elements

- Understanding 3D File Basics
- Controlling Views
- Using Active and Display Depth
- Creating Basic Elements
- Using SmartLine
- Setting Element Attributes

Controlling Placement

- Using Grids and Using Locks
- Using Setting Groups and Precision Input

Grouping Elements

- Using Fences and Manipulating Contents
- Creating and Using Graphic Groups
- Creating Complex Shapes

Drawing Composition-Putting it Together

- Using Grids and Using Locks
- Using Setting Groups and Precision Input

Plus.....Much Much More.....

Instructor: Sam Nugent or Todd Stutts, CAD Productivity Incorporated

Contact Hours: 32

Fees for KSPE/ACEC-KY/SAME Members: \$1025.00

Fees for Non-Members: \$1,475.00

Class Limit: 12

Registration Form * Deadline *December 1, 2009

(One Registration per Form. Make Copies when Necessary. Lunch is on Your Own.)

Name _____ Grade (PE, PLS, etc.) _____ KSPE/ACEC-KY/SAME Member: Yes No

Co./Org. Name _____ Street Address _____ PO Box _____

City _____ State _____ Zip _____ is Address: Work or Home

Phone _____ Fax _____ E-mail _____

Pricing & Payment *Not Refundable	Member Fee (KSPE/ACEC-KY/SAME)	Non-Member Fee	Total Due	Payment Type (Select One)	Payment Information Complete All Credit Card Information
MicroStation for Civil Professionals	\$1025.00	\$1475.00		<input type="checkbox"/> Check Enclosed <input type="checkbox"/> Visa <input type="checkbox"/> Mastercard	Make Payable to: KSPE/ACEC-KY Seminars. Card No. _____ Vin # _____ (on back of card) Name on Card: _____ Card Expires: _____ Signature on Card (Write Below): _____
Contact: marcie@kyengcenter.org or print and mail or fax form to: Nancy Parker, KSPE/ACEC-KY Seminars 160 Democrat Drive Frankfort, KY 40601				Phone: 502-695-5680 800-455-5573 Fax: 502-695-0738	