

## **AutoCAD® Civil 3D® 2010 – Survey**

**Course Length: 1 day**

### **Pre-requisites:**

Basic knowledge of AutoCAD Civil 3D is recommended.

### **Topics covered:**

#### **Autodesk Field Book**

- What is a Field Book?
- Field Book Syntax
- Figures

#### **Survey Tool Space**

- AutoCAD Civil 3D Survey Toolspace
- Equipment Settings
- Description Key Sets
- Point Styles
- Figure Styles

#### **Working with Field Books**

- Survey Database
- Survey Networks
- Importing a Field Book
- Reviewing Import Results
- Reviewing Survey Data

#### **Traverses and Adjustments**

- Traverses Basics
- Fixing Survey Errors
- Defining a Traverse
- Traverse Adjustment and Reports
- Figure as Surface Breaklines
- Least Squares for Traverses