

## AutoCAD® Map 3D 2010 – Geospatial

**Course length: 2 days**

### Pre-requisites:

Basic knowledge of AutoCAD

### Topics covered:

- **Establishing a Geospatial Environment**
  - Connecting to a Feature Source
  - Working with Point Data
  - Using Coordinate Systems
  - Filtering features during connection
- **Stylizing Features**
  - Change Colors, Patterns, Symbols, Linetypes
  - Add labels and Scale Ranges with the Style Editor
- **Creating Features**
  - Creating Data in SDF format
  - Adding Data Constraints
  - Adding Data Validation
- **Editing Data**
  - Editing Feature Attributes and Geometry
  - Working with DEM data
    - Create contours
    - Create styles
  - Converting data from DWG to FDO features
  - Merge and Split Features
- **Managing Features**
  - Bulk Copy to Transfer Data Between Feature Sources
  - Join Tables
  - Creating and Using Buffers
  - Create Calculated Properties
  - Using Overlay Analysis
- **Workflows**
  - Using Workflow Designer for Overlay Analysis

- **Job Processes**
  - Example 1: Updating Parcels with New Subdivision
    - Editing feature geometries and attributes
  - Example 2: Creating a Map Using Cartographic Standards
    - Controlling styles and scales
  - Example 3: Sharing Data With a Third Party
    - Using joins and calculations to produce a set of data for a contractor