

# AutoCAD

## Creating 3D Solids

### Description

1 Day Class

Class will include projects to reinforce the topics.

### Session Topics

#### 1. Primitive Solids

- Box Sphere Torus
- Cylinder Pyramid Planar Surface
- Cone Wedge Poly Solid

#### 2. Viewpoints & 3D Orbit

#### 3. Visual Styles

#### 4. User Coordinate Systems

#### 5. Modeling Tools

- Extrusion Revolving
- Press Pull Sweeping
- Lofting Helix

#### 6. Boolean Operations

- Union
- Subtraction
- Intersection

#### 7. Click-Editing Solids

- Grips
- Sub Object editing

#### 8. Solid Model Editing Tools

- Shell
- Face, Edge, and Body Editing

#### 9. Solid Model Display and Analysis

- Section Planes
- Flat Display

<http://www.amsystems.com/training/>