

Course Outline

AutoCAD and AutoCAD LT Essentials

Taking the AutoCAD Tour

- Navigating the Working Environment
- Working with Files
- Displaying Objects

Creating Basic Drawings

- Inputting Data
- Creating Basic Objects
- Using Object Snaps
- Using Polar Tracking and PolarSnap™
- Using Object Snap Tracking
- Working with Units

Manipulating Objects

- Selecting Objects in the Drawing
- Changing an Object's Position
- Creating New Objects from Existing Objects
- Changing the Angle of an Object's Position
- Creating a Mirror Image of Existing Objects
- Creating Object Patterns
- Changing an Object's Size

Drawing Organization and Inquiry Commands

- Using Layers
- Changing Object Properties
- Matching Object Properties
- Using the Properties Palette
- Using Linetypes
- Using Inquiry Commands

Altering Objects

- Trimming and Extending Objects to Defined Boundaries
- Creating Parallel and Offset Geometry
- Joining Objects
- Breaking an Object into Two Objects
- Applying a Radius Corner to Two Object
- Creating an Angled Corner Between Two Objects
- Changing Part of an Object's Shape

Working with Layouts

- Using Layouts
- Using Viewports

Annotating the Drawing

- Creating Multiline Text
- Creating Single Line Text
- Using Text Styles
- Editing Text

Dimensioning

- Creating Dimensions
- Using Dimension Styles
- Editing Dimensions
- Using Multileaders

Hatching Objects

- Hatching Objects
- Editing Hatch Objects

Working with Reusable Content

- Using Blocks
- Working with DesignCenter™
- Using Tool Palettes

Creating Additional Drawing Objects

- Working with Polylines
- Creating Splines
- Creating Ellipses

Plotting Your Drawings

- Using Page Setups
- Plotting Drawings

Creating Drawing Templates

- Using Drawing Templates

Note: The suggested class duration is a guideline. Topics and duration may be modified by the instructor based upon the knowledge and skill level of the class participants.