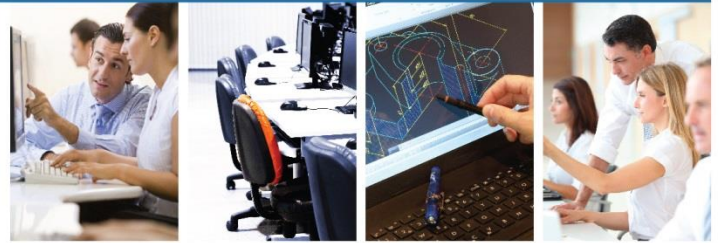


# AUTOCAD 2018 INTERMEDIATE

## COURSE OUTLINE



### Class Description

This course has sophisticated techniques that extend your mastery of the software. For example, here you go beyond the basic skill of inserting a block to learning how to create blocks, and beyond the basic skill of using a template to understand the process of setting up a template. You learn skills such as:

- Using more advanced editing and construction techniques.
- Adding parametric constraints to objects.
- Creating local and global blocks.
- Setting up layers, styles, and templates.
- Using advanced plotting and publishing options.

### Prerequisites

A working knowledge of basic design/drafting procedures and terminology, and a working knowledge of your operating system.

**Class Length:** 2 days

### Course Topics

#### Working Effectively with AutoCAD

- Creating a Custom Workspace
- Using the Keyboard Effectively
- Object Creation Selection, and Visibility
- Working with multiple lines
- Copying and Pasting Between Drawings
- Using Grips Effectively
- Additional Layer Tools

#### Accurate Positioning

- Coordinate Entry
- Locating Points with Tracking
- Construction lines
- Placing Reference Points

#### Parametric Drawing

- Geometric Constraints
- Dimensional Constraints

#### Working with Blocks

- Creating Blocks
- Editing Blocks
- Removing Unused Elements
- Adding Blocks to Tool Palettes
- Modifying Tool Properties in Tool Palettes

#### Creating Templates

- Why use Templates
- Controlling Units Display
- Creating New Layers
- Adding Standard Layouts to Templates
- Saving Templates

#### Advanced Layouts

- Creating and using Names Views
- Advanced Viewport Options
- Layer Overrides in Viewports
- Additional Annotative Scale Features

#### Annotative Styles

- Creating Text Styles
- Creating Dimensions Styles
- Creating Multileader Styles

#### External References

- Attaching External References
- Modifying External References
- Xref Specific Information