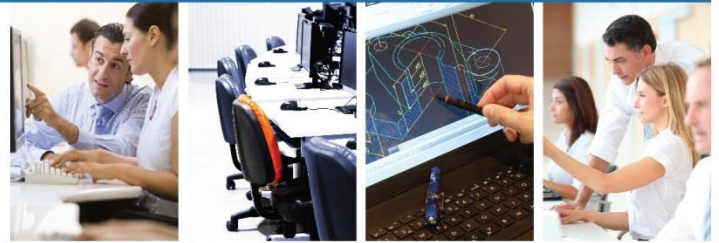


AUTOCAD 2018 ADVANCED

COURSE OUTLINE



Class Description

The U.S.CAD AutoCAD “Advanced” training class introduces higher level techniques and teaches you to be proficient in your use of AutoCAD. This is done by teaching you how to recognize the best tool for the task, the best way to use that tool, and how to create new tools to accomplish tasks more efficiently. During the course, you’ll learn how to:

- Create, publish, & customize sheet sets
- Advanced text objects
- Working with tables & defining dynamic blocks & attributes
- Enhancing productivity by customizing the AutoCAD interface; and Using macros & custom routines

Prerequisites

It is recommended that delegates have a working knowledge of AutoCAD Fundamentals, AutoCAD Intermediate, or equivalent experience.

Class Length: 3 days

Course Topics

Introduction

Advanced Text Objects

- Annotation Scale Overview
- Using Fields
- Controlling the Draw Order

Working with Tables

- Working with Linked Tables
- Creating Table Styles

Dynamic Blocks

- Working with Dynamic Blocks
- Creating Dynamic Block Definition
- Dynamic Block Authoring Tools
- Additional Visibility Options

Attributes

- Inserting Blocks with Attributes
- Editing Attribute Values
- Defining Attributes
- Redefining Blocks with Attributes

Output & Publishing

- Output for Electronic Review
- Autodesk Design Review
- Publishing Drawing Sets

Other Tools for Collaboration

- eTransmit
- Hyperlinks

Cloud Collaboration & 2D Automation

- Connecting to the Cloud
- Sharing Drawings in the Cloud

Introduction to Sheet Sets

- Overview of Sheet Sets
- Creating Sheet Sets
- Creating Sheets in Sheet Sets
- Adding Views to Sheets
- Importing Layouts to Sheet Sets

Publishing & Customizing Sheet Sets

- Transmitting & Archiving Sheet Sets
- Customizing, and Publishing Sheet Sets
- Custom Blocks for Sheet Sets

Managing Layers

- Working in the Layer Properties Manager
- Creating Layer Filters
- Setting Layer States

CAD Standards

- CAD Standards Concepts
- Configuring Standards
- Checking Standards
- Layer Translator

System Setup

- Options Dialog Box
- System Variables
- Dynamic Input Settings
- Drawing Utilities
- Managing Plotters
- Plot Styles

Introduction to Customization

- What Can Be Customized?
- Creating a Custom Workspace

Customizing the User Interface

- Using the Customize User Interface (CUI) Dialog Box
- Customizing the Ribbon, and Menus
- Customizing the Quick Access Toolbar
- Keyboard Shortcuts

Macros & Custom Routines

- Custom Commands & Macros
- Running Scripts
- Action Recorder
- Editing Action Macros
- Loading Custom Routines