

Course Outline

AutoCAD 2015 Advanced

Duration: 2 days (12 hours)

Learning Objectives:

- Advanced Text Objects
- Working with Tables
- Defining dynamic blocks and attributes
- Outputting and publishing files for review
- Collaboration and automation tools
- Creating, Publishing, and customizing sheet sets
- Managing Layers
- CAD Management and System Setup
- Enhancing productivity by customizing the AutoCAD Interface
- Using macros and custom routines

Prerequisites:

AutoCAD Fundamentals

Topics Covered:

- Introduction
 - Practice 1
- Advanced Text Objects
 - Annotation Scale Overview
 - Using Fields
- Working with Tables
 - Working with Linked Tables
 - Creating Table Styles
- Projects – Advanced Annotation
 - Fields and Tables
- Dynamic Blocks
 - Working with Dynamic Blocks
 - Creating Dynamic Block Definitions
 - Dynamic Block Authoring Tools
 - Additional Visibility Options

- Attributes
 - Inserting Blocks with Attributes
 - Editing Attribute Values
 - Defining Attributes
 - Redefining Blocks with attributes
 - Extracting Attributes
- Projects – Advanced Blocks and Attributes
 - Dynamic Block Practice – Desk Unit
 - Mechanical Attribute Project – Amplifier
 - Architectural Attribute Project – Door Schedule
- Output and Publishing
 - Output for Electronic Review
 - Autodesk Design Review
 - Publishing Drawing Sets
- Other Tools for Collaboration
 - eTransmit
 - Hyperlinks
- Cloud Collaboration and 2D Automation
 - Connecting to the Cloud
 - Sharing Drawing 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 and Customizing Sheet Sets
 - Transmitting and Archiving Sheet Sets
 - Publishing Sheet Sets
 - Custom Blocks for Sheet Sets
- Projects – 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
 - Why Customize?
 - What Can Be Customized?
 - Creating a Custom Workspace
- Customizing the User Interface
 - Using the Customize User Interface (CUI) Dialog Box
 - Customizing the Ribbon
 - Customizing the Quick Access Toolbar
 - Customizing Menus
 - Keyboard Shortcuts
- Macros and Custom Routines
 - Custom Commands and Macros
 - Running Scripts
 - Action Recorder
 - Editing Action Macros
 - Loading Custom Routines

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