AutoCAD Advanced

Overview

AutoCAD 2017 Advanced introduces advanced techniques and teaches you to be proficient in your use of the AutoCAD® software. 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.

Prerequisites

It is recommended that delegates have a basic working knowledge of one or more of the following:

- AutoCAD/AutoCAD LT Essentials
- Microsoft® Windows® Vista, Microsoft® Windows® XP, Microsoft® Windows® 7, Microsoft® Windows® 8 or Microsoft® Windows® 10

Available Exams and Certifications

- Autodesk Certified User
- Autodesk Certified Professional

Course Accreditations

6 Credits (By the South African Institute of Architects - SAIA)

Course Outline

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 Definitions
- Dynamic Block Authoring Tools
- Additional Visibility Options

Attributes

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

Other Tools for Collaboration

- eTransmit
- Hyperlinks

Cloud Collaboration and 2D Automation

- Connecting to the Cloud
- Sharing Drawings on the Cloud
- AutoCAD WS
- Automatic Model Documentation

Introduction to Sheet Sets

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

Publishing & Customizing Sheet Sets

- Transmitting and Archiving Sheet Sets

- Publishing Sheet Sets
- Customizing 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

- Why Customize
- What Can Be Customized
- Creating a Custom Workplace

Customizing the User Interface

- Using the Customize User Interface (CUI) Dialog Box
- Customizing the Ribbon
- Customizing the Quick Access Toolbar
- Customizing Menus
- Creating Custom Toolbars
- Keyboard Shortcuts

Macros & Custom Routines

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