

AutoCAD 2011 Advanced

Course Description: *AutoCAD 2011 Advanced* introduces advanced 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.

Topics include:

- Advanced Text Objects
- Working with Tables
- Defining dynamic blocks and attributes
- Outputting and publishing files for review
- 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: Completion of *AutoCAD 2011 Fundamentals* or equivalent

Course Content

Chapter 1 Introduction

Chapter 2 Advanced Text Objects

- 2.1 Annotation Scale Overview
- 2.2 Using Fields
- 2.3 Controlling the Draw Order

Chapter 3 Working with Tables

- 3.1 Working with Linked Tables
- 3.2 Creating Table Styles

Chapter 4 Projects - Advanced Annotation

- 4.1 Fields and Tables

Chapter 5 Dynamic Blocks

- 5.1 Working with Dynamic Blocks
- 5.2 Creating Dynamic Block Definitions
- 5.3 Dynamic Block Authoring Tools
- 5.4 Additional Visibility Options

Chapter 6 Attributes

- 6.1 Inserting Blocks with Attributes
- 6.2 Editing Attribute Values
- 6.3 Defining Attributes
- 6.4 Redefining Blocks with
- 6.5 Extracting Attributes

Chapter 7 Projects - Advanced Blocks & Attributes

- 7.1 Dynamic Block Practice - Desk Unit
- 7.2 Mechanical Attribute Project - Amplifier
- 7.3 Architectural Attribute Project - Door Schedule

Chapter 8 Output and Publishing

- 8.1 Output for Electronic Review
- 8.2 Autodesk Design Review
- 8.3 Publishing Drawing Sets

Chapter 9 Other Tools for Collaboration

- 9.1 eTransmit
- 9.2 Hyperlinks

Chapter 10 Projects - Reference & Share Information

- 10.1 Reference & Share Information

Chapter 11 Introduction to Sheet Sets

- 11.1 Overview of Sheet Sets
- 11.2 Creating Sheet Sets
- 11.3 Creating Sheets in Sheet Sets
- 11.4 Adding Views to Sheets
- 11.5 Importing Layouts to Sheet Sets

Chapter 12 Publishing & Customizing Sheet Sets

- 12.1 Transmitting and Archiving Sheet Sets
- 12.2 Publishing Sheet Sets
- 12.3 Customizing Sheet Sets
- 12.4 Custom Blocks for Sheet Sets

Chapter 13 Projects - Sheet Sets

- 13.1 Sheet Sets

Chapter 14 Managing Layers

- 14.1 Working in the Layer Properties Manager
- 14.2 Creating Layer Filters
- 14.3 Setting Layer States

Chapter 15 CAD Standards

- 15.1 CAD Standards Concepts
- 15.2 Configuring Standards
- 15.3 Checking Standards
- 15.4 Layer Translator

Chapter 16 System Setup

- 16.1 Options Dialog Box
- 16.2 System Variables
- 16.3 Dynamic Input Settings
- 16.4 Drawing Utilities
- 16.5 Managing Plotters
- 16.6 Plot Styles

Chapter 17 Introduction to Customization

- 17.1 Why Customize?
- 17.2 What Can Be Customized?
- 17.3 Creating a Custom Workspace

Chapter 18 Customizing the User Interface

- 18.1 Using the Customize User Interface (CUI) Dialog Box
- 18.2 Customizing the Ribbon
- 18.3 Customizing the Quick Access Toolbar
- 18.4 Customizing Menus
- 18.5 Creating Custom Toolbars
- 18.6 Keyboard Shortcuts

Chapter 19 Macros & Custom Routines

- 19.1 Custom Commands and Macros
- 19.2 Running Scripts
- 19.3 Action Recorder
- 19.4 Editing Action Macros
- 19.5 Loading Custom Routines