



AutoCAD 2012 Advanced Course Outline

Course Description: This course 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. No previous CAD experience required but it is recommended that you have working knowledge of Microsoft Windows 7. Drafting experience is a plus.

Topics

1. Introduction

Introduction
Practice

2. Advanced Text Objects

Annotation Scale Overview
Using Fields
Controlling the Draw Order

3. Working with Tables

Working with Linked Tables
Creating Table Styles

4. Projects- Advanced Annotation

Fields and Tables

5. Dynamic Blocks

Working with Dynamic Blocks
Creating Dynamic Block Definitions
Dynamic Block Authoring Tools
Additional Visibility Options

6. Attributes

Inserting Blocks with Attributes
Editing Attributes
Defining Attributes
Redefining Blocks with Attributes
Extracting Attributes

7. Projects- Advanced Blocks & Attributes

Dynamic Block Practice- Desk Unit
Mechanical Attributes Project- Amplifier
Architectural Attribute Project- Door Schedule

8. Output and Publishing

Output For Electronic Review
Autodesk Design Review
Publishing Drawing Sets

9. Other Tools for Collaboration

eTransmit
Hyperlinks

10. Online Collaboration and 2D Automation

AutoCAD WS
Automatic Model Documentation

11. 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

12. Publishing & Customizing Sheet Sets

Transmitting and Archiving Sheet Sets
Publishing Sheet Sets
Customizing Sheet Sets
Custom Blocks for Sheet Sets

13. Project- Sheet Sets

Sheet Sets

14. Managing Layers

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

15. CAD Standards

CAD Standards Concepts
Configuring Standards
Checking Standards
Layer Translator

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16. System Setup

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

17. Introduction to Customization

- Why Customization?
- What Can Be Customized?
- Creating a Custom Workspace

18. Customizing the User Interface

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

19. Macros & Custom Routines

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

Duration: 3 Days

Classroom Tuition:

\$825.00/student

Group rates are available

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