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AutoCAD 2010 Level 2: Beyond the Basics Course Outline

Course Description: The AutoCAD Beyond the Basics course takes students farther into the AutoCAD software and shows some of the more advanced features, such as selecting objects, working with blocks, tool palettes, and templates. This is also an excellent tune-up course for someone upgrading from an older version of AutoCAD.

Course Objective: This course will provide the student with a slightly advanced look at AutoCAD that will allow them to learn new ways of doing different tasks to better increase their speed and accuracy.

Course Content

Chapter 1: Working Effectively with AutoCAD

- 1.1 Creating a Custom Workspace
- 1.2 Using the Keyboard Effectively
- 1.3 Working in Multiple Drawings
- 1.4 Copying and Pasting between Drawings
- 1.5 Using Grips Effectively
- 1.6 Additional Layer Tools

Chapter 2: Accurate Positioning

- 2.1 Coordinate Entry
- 2.2 Locating Points with Tracking
- 2.3 Construction Lines
- 2.4 Placing Reference Points

Chapter 3: Projects - Productivity Tools

Chapter 4: Parametric Drawing

- 4.1 Working with Constraints
- 4.2 Geometric Constraints
- 4.3 Dimensional Constraints

Chapter 5: Working with Blocks

- 5.1 Creating Blocks
- 5.2 Editing Blocks
- 5.3 Removing Unused Elements
- 5.4 Adding Blocks to Tool Palettes
- 5.5 Modifying Tool Properties in Tool Palettes

Chapter 6: Projects - Creating and Organizing Blocks

Chapter 7: Creating Templates

- 7.1 Why Use Templates?
- 7.2 Controlling Units Display
- 7.3 Creating New Layers
- 7.4 Adding Standard Layouts to Templates
- 7.5 Saving Templates

Chapter 8: Annotation Styles

- 8.1 Creating Text Styles
- 8.2 Creating Dimension Styles
- 8.3 Creating Multileader Styles

Chapter 9: Projects - Drawing Setup and Utilities

Chapter 10: Advanced Layouts

- 10.1 Quick View Layouts
- 10.2 Creating and Using Named Views
- 10.3 Creating Additional Viewports
- 10.4 Layer Overrides In Viewports
- 10.5 Additional Annotative Scale Features

Chapter 11: Output and Publishing

- 11.1 Output for Electronic Review
- 11.2 Autodesk Design Review
- 11.3 Publishing Drawing Sets

Chapter 12: Projects - Drawing