

Technical Education Services

AutoCAD® / AutoCAD LT® Beyond The Basics



Course Length: 2 days

AutoCAD/AutoCAD LT Beyond the Basics continues with more sophisticated techniques that extend your mastery of the AutoCAD software beyond what was learned in AutoCAD/AutoCAD LT Essentials. For example, here you go beyond the basic skill of inserting a block to learning how to create blocks, and beyond the basic skill of using a template to understand the process of setting up a template. You learn skills such as:

- Using more advanced editing and construction techniques.
- Adding parametric constraints to objects.
- Creating local and global blocks.
- Setting up layers, styles, and templates.
- Using advanced plotting and publishing options.

Prerequisites

- Knowledge of AutoCAD basics as taught in AutoCAD/AutoCAD LT Essentials or equivalent experience.
- A working knowledge of basic design/drafting procedures and terminology.

For the current course
schedule and to register
for this course:

Web: redstack.com.au

Phone: 1300 667 263



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DAY 1

Chapter 1: Working Effectively with AutoCAD

- 1.1 Creating a Custom Workspace
- 1.2 Using the Keyboard Effectively
- 1.3 Object Creation, Selection, and Visibility
- 1.4 Working in Multiple Drawings
- 1.5 Copying and Pasting Between Drawings
- 1.6 Using Grips Effectively
- 1.7 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

- 3.1 Schematic Project - Purifier Unit
- 3.2 Mechanical Project - 2 Views
- 3.3 Architectural/Civil Project - Formal Garden
- 3.4 Mechanical Project - Cover Plate
- 3.5 Architectural Project - Addition
- 3.6 Mechanical Project - Block
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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

- 6.1 Mechanical Project - Control Panel
- 6.2 Architectural Project - Furniture Layout
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DAY 2

Chapter 7: Creating Templates Output for Electronic Review

- 7.1 Why Use Templates?
- 7.2 Controlling Units Display
- 7.3 Creating New Layers
- 7.4 Adding Standard Layouts to Templates
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- 8.2 Creating and Using Named Views
- 8.3 Advanced Viewport Options
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- 8.5 Additional Annotative Scale Features

Chapter 9: Annotation Styles

- 9.1 Creating Text Styles
- 9.2 Creating Dimension Styles
- 9.3 Creating Multileader Styles

Chapter 10: Projects - Drawing Setup and Utilities

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- 10.2 Mechanical/Schematic Project
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Chapter 12: Projects - Drawing

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- 12.2 Mechanical Project - Drill Press Base
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Appendix A Optional Topics

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- A.3 Advanced Object Selection
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- A.6 Creating Boundaries and Regions
- A.7 Modifying Length

Appendix B Skills Assessment

Appendix C AutoCAD Certified Professional Exam Objectives

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Cancellation Policy

The following cancellation policy shall apply to all training and consulting engagements including customised training solutions:

Redstack reserves the right to reschedule or cancel the date, time and location of its class at any time. In the event that a Training Class is cancelled by Redstack, Customer is entitled to a full refund. Redstack shall not be responsible for any other loss incurred by Customer as a result of a cancellation or reschedule.

For Customer cancellations when written notice is received (i) at least ten (10) business days in advance of the class, Customer is entitled to a full refund of its payment or reschedule enrolment, (ii) less than ten (10) business days, Customer shall not be entitled to a refund, but shall receive a class credit to be used within three (3) months of the date of the original class.

Student substitutions are acceptable with at least two (2) days prior notice to the class, provided substitution meets course prerequisites and is approved by Redstack

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For more information, contact us on 1300 667 263.