

Technical Education Services

AutoCAD® Advanced

Course Length: 3 days



AutoCAD 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.

The training guide includes the following topics:

- Advanced Text Objects
- Working with Tables
- Defining dynamic blocks and attributes
- Outputting and publishing files for review
- Collaboration and automation tools
- 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

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

Web: redstack.com.au

Phone: 1300 667 263

Prerequisites:

Completion of AutoCAD®/AutoCAD LT® Fundamentals or equivalent.



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Table of Contents AutoCAD Advanced

DAY 1

Chapter 1: Introduction

Chapter 2: Advanced Text Objects

- Annotation Scale Overview
- Using Fields
- Controlling the Draw Order

Chapter 3: Working with Tables

- Working with Linked Tables
- Creating Table Styles

Chapter 4: Projects - Advanced Annotation

- Fields and Tables

Chapter 5: Dynamic Blocks

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

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Chapter 6: Attributes

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

Chapter 7: Projects – Advanced Blocks & Attributes

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

DAY 2

Chapter 8: Output and Publishing

- Output for Electronic Review
- Autodesk Design Review
- Publishing Drawing Sets

Chapter 9: Other Tools for Collaboration

- eTransmit
- Hyperlinks

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Chapter 10: Online Collaboration and 2D Automation

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

Chapter 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

Chapter 12: Publishing & Customizing Sheet Sets

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

Chapter 13: Projects - Sheet Sets

- Sheet Sets

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DAY 3

Chapter 14: Managing Layers

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

Chapter 15: CAD Standards

- CAD Standards Concepts
- Configuring Standards
- Checking Standards
- Layer Translator

Chapter 16: System Setup

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

Chapter 17: Introduction to Customization

- Why Customize?
- What Can be Customized?
- Creating a Custom Workspace

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Chapter 18: 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

Chapter 19: Macros & Custom Routines

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



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Appendix B Skills Assessment Part 2

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.

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For more information, contact us on 1300 667 263.