

# Advanced AutoCAD Series – Customise + Manage

**Duration:**

**1 day + 1 day**

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This course is intended for proficient users of AutoCAD who want to develop more advanced skills. It is also ideal for a user who holds or wants to hold a position similar to that of CAD Manager.

This innovative KarelCAD training course comes with our own comprehensive courseware.

**Customise** (108 page workbook supplied)

Throughout this 1 day course we will talk about the various tasks that an advanced user/CAD Manager can take on, some of these we will just talk about briefly, some involve tasked activities. The main objective of this course is to show you specifically how to customise AutoCAD and the tools AutoCAD has available to make these tasks easier for you.

**Manage** (154 page workbook supplied)

This 1 day course can be attended on its own, or is a perfect follow on from the AutoCAD Advanced – Customise course and is designed for students who have had extensive experience in AutoCAD and are looking at the next step, CAD Management.

**Prerequisites:**

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It is recommended that the student have a very good working knowledge of recent AutoCAD versions and a basic understanding of licensing and IT.

## Manage

1. Introduction
2. The Role Of The CAD Manager
  - Introducing The CAD Manager
  - CAD Management Tasks
  - You The CAD Manager
3. Installation Topology
  - Understanding Your Company's CAD Network
  - Map Your System Topology
4. Optimizing The Installation
  - Setting Up AutoCAD On A Network
  - Create a Simulated Network Drive
  - Working With The AutoCAD Configuration File
  - Create An Alternative Configuration File
  - What Are AutoCAD Temporary Files?
  - Locate Temporary Files Locally
  - What Are AutoCAD Profiles?
  - Manage Profiles
5. Managing Project Drawing Files
  - Managing Drawing Files – An Introduction
  - Sheet Sets – An Introduction
  - The Sheet Sets Manager Dialog Box – An Introduction
  - Create A Sheet Set
  - Edit Sheet Set Properties
  - Use Fields In A Sheet Set
  - Use Attributes In A Sheet Set
  - Archive Sheet Sets
6. Standardizing The Installation
  - Introducing AutoCAD Support Files
  - Locate Support Files On A Network Drive
  - Locate Driver Files On A Network Drive
  - Locate Plotter Files On A Network Drive
  - Create A Drawing Template
  - Locate Template Files On A Network Drive and Set Options
  - Locate Help and Documentation Files On A Network Drive
7. Managing CAD Standards
  - Managing CAD Standards – An Introduction
  - Create and Modify A Standards File
  - Batch Checking Of Standards Compliance
  - Check Standards
8. File Library Management
  - Setting Up Xref and Block Files in Network Folders
  - Locate Xref and Block Files in Network Folders
  - Locate Standards Files in Network Folders
9. Data Exchange
  - Data Exchange – An Introduction
  - Why Doesn't Anyone Send Transmittal Anymore?
  - Sending Files To a Client
  - Handling Incoming Files
  - Bringing In Another Companies CAD File To Your Standards
10. Autodesk Web Sites For CAD Managers
11. Installing/Managing Licenses
  - Network Deployment
  - Installing Network Server Tools
    - What Is The NLM
    - System Requirements
    - The Network License File
    - Installing The NLM From Scratch
  - Installing/Using Autodesk Supplied CAD Management Documentation
  - Using Network Server Tools – LM Tools



## Customise

1. Customizing The Keyboard
  - Using And Editing The ACAD.PGP File
  - Using AutoLISP
  - Customizing The CUI Keyboard Shortcut Keys Area
  - Customizing The CUI Keyboard Temporary Keys Area
2. Creating Linetypes
  - Understanding Basic Linetype Definitions
  - Creating Basic Linetypes
  - Understanding Advanced Linetype Definitions
  - Creating Advanced Linetypes
  - Creating Complex Linetypes Using Shape Files
3. Creating Hatch Patterns
  - Understanding The PAT File
  - Create Your Own Hatch Patterns
4. Creating Font And Shape Files
  - Hexidecimal Code
  - Designing Shapes And Fonts
5. Overview Of Making Basic Blocks
  - Symbol Blocks
  - Symbol Blocks With Annotative Text And Dimensions
  - Detail Blocks
  - Detail Blocks With Annotative Text And Dimensions
6. DesignCenter As A User Interface To Block Libraries
  - Using DesignCenter
7. Making Attributed Blocks
  - What Are Attributed Blocks?
  - Creating And Editing Attributed Blocks
  - System Variables That Effect Attributed Blocks
8. Using Fields In Blocks
9. Dynamic Blocks
  - What Are Dynamic Blocks?
  - Dynamic Block Authoring
  - Creating Dynamic Blocks
10. Customizing The CUI
  - The CUI Interface
  - Customizing The Ribbon
  - Customizing The Menu Bar
  - Customizing Toolbars
  - Customizing An Image Menu
11. Customizing Block Access In Tool Palettes
  - What Are Tool Palettes?
  - Creating, Editing, And Managing Tool Palettes
12. Customizing With Action Macros
  - What Are Action Macros?
  - Creating, Editing, And Using Action Macros

