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AutoCAD® 2008 Advanced

Course Duration: 2 days, Includes Free Trial CD, Morning and Afternoon Refreshments, Lunch, Course Text, Certificate, and 30 days Support.

Course Description

This course is designed for a user with current and working knowledge of AutoCAD® or AutoCAD® LT who would like to learn the more advanced tools in AutoCAD. It incorporates the advanced techniques and tools used to manage and publish drawings, how to customize commands and the interface, explores various application settings, as well as an introduction to the 3D environments and associated tools.

Who Should Attend

The course is designed for a current user of AutoCAD® who wishes to extend their knowledge to include customizing, use of paperspace, and 3D.

Objectives

The primary objective of this course is to teach students the more advanced methods and techniques of using AutoCAD®. Upon completion of the course, the student will be able to use the CUI, use drawing management tools, utilize plot and publishing tools in a project environment. The student will be able to operate AutoCAD® at an advanced level by incorporating tools which range from CAD management tools, to creating 3D presentation drawings.

Prerequisites

Completion of the AutoCAD® 2007 Essentials Course or working knowledge of AutoCAD® 2004 or above. Drafting, design, or engineering experience is a plus. It is recommended that the student have a working knowledge of the Microsoft® Windows environment.

Course Outline

Note: Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants.

Customizing AutoCAD

This chapter covers the fundamentals of customizing AutoCAD. Learn to customize menus and toolbars, the interface, and create custom commands.

AutoCAD Files and Recovery

There are many different types of file types associated with AutoCAD. In this chapter you will be exposed to the different file types and their functions, and also learn to use the Drawing Recovery Manager.

Collaboration

While we are all busy getting drawings in and out of the office via emails and PDF we tend to forget to explore the different options (and often more effective) methods of transmitting drawings. This chapter covers tools and commands associated with transmitting drawings internally and externally.

External References

This chapter covers how to create, manage, edit, and insert external references in a drawing.

CAD Standards

AutoCAD has a facility to check standard information such as layers and text styles. This chapter covers how to create standard files and run them through a drawing to see if drawing standards have been met.

Autodesk® Official Training Courseware

Portable Licence Utility

The Portable Licence Utility (PLU) is a tool installed with AutoCAD that enables you to take a licence from one machine to another. This chapter covers where to find the PLU and how to import and export licences.

Sheet Set Manager

The Sheet Set Manager (SSM) is a tool used to manage a "set" of drawings. While many of us use Windows Explorer to manage our sets of drawings sometimes the management of the drawings can become cumbersome. This chapter covers how the SSM can help you manage your sets of drawings to manage standards, maintain relationship between drawings views and also title block data.

Blocks

This chapter covers the more advanced methods of creating, managing and making use of blocks using the Block Editor, DesignCentre, Tool Palettes, and the Attribute Extraction Tool.

Paperspace & Modelspace

This chapter covers the tools associated with setting up a layout to be plotted. You will learn how to create different scaled views of a model and plot them to DWF.

Introduction to 3D

This chapter provides an introduction to 3D modeling. You will learn how to set up a 3D environment, and create 3D models using solid primitives, creating solids from 2D profiles and creating composite solids.



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