

AUTOCAD ESSENTIALS. Get certified with Autodesk®.



COURSE SYLLABUS

→ Day 1

Getting Started

- Exploring the AutoCAD for Windows User interface
- Setting drawing units

Basic Drawing Skills

- Navigating 2D drawings
- Drawing lines & rectangles
- Canceling, erasing & undoing
- Using coordinate systems
- Drawing circles, arcs & polygons
- Filletting & chamfering lines
- Trim & Extend

Using Drawing Aids

- Grid & Snap
- Ortho & Polar Tracking
- Polar Snap
- Running object snaps
- Object Snap Tracking

Editing Entities

- Creating selection sets
- Move & Copy
- Rotate & Scale
- Arrays

Chapter 4: Editing Entities

- Lengthen & Stretch
- Offset & Mirror

Controlling Visibility & Appearance

- Changing object properties
- Setting the current layer
- Altering objects' layer assignments
- Controlling layer visibility
- Applying linetype
- Assigning properties by object or by layer
- Managing layer properties

Organizing Objects

- Defining & Inserting blocks
- Editing blocks
- Redefining blocks
- Working with groups

→ Day 2

Hatchings and Gradients

- Specifying hatch areas
- Associating hatches with boundaries
- Hatching with patterns
- Hatching with gradients

Creating & Editing Text

- Creating text styles
- Writing lines of text
- Writing paragraphs of text using MTEXT
- Editing text

Dimensioning

- Styling dimensions
- Adding dimensions
- Editing dimensions

→ Day 3

Working with Layouts & Annotative Objects

- Creating annotative styles & objects
- Creating layouts
- Adjusting floating viewports
- Overriding layer properties in layout viewports
- Drawing on layouts

Printing & Plotting

- Configuring output devices
- Creating plot style tables
- Using plot style tables Plotting in model space
- Plotting layouts in paper space
- Exporting to an electronic format

AUTOCAD ESSENTIALS FEATURES DETAILED EXPLANATIONS, INTERESTING REAL-WORLD EXAMPLES, AND PRACTICAL TUTORIALS TO HELP PARTICIPANT UNDERSTAND CONCEPTS SO THAT THEY CAN QUICKLY START ACCOMPLISHING TASKS AND BUILDING SKILLS.

THIS COURSE IS DESIGNED TO PROVIDE A THOROUGH FOUNDATION IN AUTOCAD FOR BEGINNERS. ON COMPLETION, YOU WILL BE ABLE TO USE AUTOCAD TO PRODUCE HIGH QUALITY, ACCURATE 2D DRAWINGS THAT CAN BE APPLIED TO A WIDE RANGE OF INDUSTRIES AND APPLICATIONS.

Class information

Time : 9.00 am - 5.00 pm

Duration: 3 days

Funding & Grant

Normal fee RM1600/person

HRD Corp Claimable Fee RM1700/person

Certification

Participant will receive an industry recognized Autodesk Certificate of Completion e-certificate from Autodesk to confirm they have attended and successfully completed an accredited AutoCAD training course.

Objectives

To educate AutoCAD users in the abundance of concepts and techniques employed in computer-aided design and drafting.

Prerequisite

A working knowledge of Microsoft Windows is all that is required.



For more information, please contact:

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