



Computer Training
WALES.CO.UK

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IT Courses

Courses

Engineering
Courses

AutoCAD - Beginner

This course is for those who are interested in developing a new skillset in AutoCAD.

Course Outline

Our Beginners AutoCAD 2022 training course in Wales is designed for absolute beginners to AutoCAD. In one-day it has been designed to turn you into a confident AutoCAD designer. The course takes you through the essential drawing skills in AutoCAD and then progresses onto showing you how to create design layouts and drawings. By the end of this one-day course, you will be able to work effectively with AutoCAD and be able to create plans and drawings. Delegates who have completed this course can then progress to our Intermediate course.

By the end of this session you will be able to work independently with AutoCAD and be able to create AutoCAD 2D drawings, navigate the environment, manipulate AutoCAD 2D objects and plot drawings into various sheet types and sizes.

Content

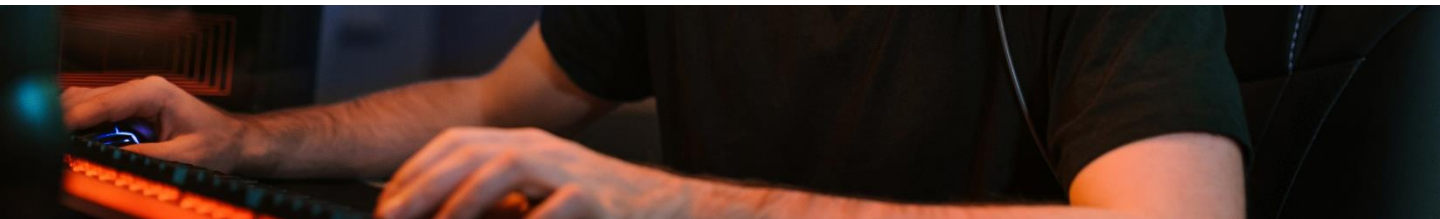
- AutoCAD design environment
- AutoCAD design options
- Create, save and close a new drawing
- Editing an existing drawing
- Basic commands - line, arc, circle
- Precision input parameters in AutoCAD
- Object snapping and engineering
- Selecting groups of objects
- Designing drawing elements
- Editing drawings
- Plotting sheets

Who is this course for?

You do not need any previous experience of using AutoCAD. However, you will have a basic understanding of Windows, including an ability to work with multiple windows and navigate the desktop, as well as having an understanding of computer file storage.

Duration

1 day



AutoCAD - Intermediate

This course is for those who are interested in developing a new skillset in AutoCAD.

Course Outline

This AutoCAD training session is for existing users of AutoCAD in Wales who want to further develop their skills. It focuses on introducing the elements of AutoCAD 2022 drawing in the development of 2D architectural and engineering drawings. It incorporates the features, commands, and techniques for creating, changing, and printing drawings. This is an entirely practical course and incorporates lots of time for delegates to practice the skills that they are being taught while working on design projects.

The main objective of this course is to give delegates of AutoCAD a greater understanding 2D engineering drawing development and in the generation of architectural drawings. It is designed for those who are comfortable using the basic functionality of AutoCAD but who would like to develop their skills further.

Content

- Multilines
- Revision clouds
- Wipeouts in AutoCAD
- Boundaries drawing
- Working with blocks
- Regions
- Point objects
- Dividing and measuring objects
- Geometric construction
- Manipulating objects & data
- Styles and settings
- Plotting onto drawing sheets
- Dimensioning and annotation
- Blocks & attributes
- Layer management
- Layouts & views
- Introduction to sheet sets

Who is this course for?

This Intermediate AutoCAD training course assumes that you are a competent AutoCAD.

Duration

1 day



AutoCAD - Advanced

This course is for those who are interested in developing a new skillset in AutoCAD.

Course Outline

This Advanced course is designed for users of AutoCAD in Wales who would like to learn advanced drawing skills. On this course we will show you the expert techniques in AutoCAD 2022 which will allow you to make the most of this software tool. This advanced course includes practical real world AutoCAD exercises and gives delegates plenty of time to practice the techniques.

You will be taught by an expert AutoCAD teacher that will make you an efficient and competent AutoCAD user. The main aim of this course is to give users of AutoCAD an advanced understanding 2D drawing.

Content

- Drawing complex 2D objects
- Dimensioning and annotation
- Re-using content
- Building advanced blocks
- Dynamic blocks
- Layouts
- Understanding the AutoCAD 3D environment
- Creation 3D objects
- Importing and working with PDF's
- XREF
- Bill of materials
- Creating complex models
- Precision drawing creation

Who is this course for?

This Advanced AutoCAD session assumes that you are a competent AutoCAD user and have attended our Intermediate AutoCAD training course or have practical experience of using AutoCAD in the workplace.

Duration

1 day





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