

AutoCAD

AutoCAD is referred to as a commercial computer-aided design (CAD) and drafting software tool. It is widely utilized across an array of industries by architects, engineers, project managers and several other professionals.

AutoCAD is known term when it comes to 3D and 2D CAD design. AutoCAD software is a tool that facilitates the process of designing and communicating the end results with others. In this age most structures that are built are based on CAD drawings. The majority of them use AutoCAD.

Most people associate AutoCAD with architectural house design; however, there are many different industries that use AutoCAD. For example, many: geographical, mechanical, electronic, AEC, multimedia, electrical, surveying, engineering, town planning, and even garment companies' use AutoCAD. Building Information Modeling (BIM) features have also been recently added to the list of things that AutoCAD can do.

How AutoCAD came into existence?

AutoCAD was originally created by Autodesk Inc. over thirty years ago. AutoCAD can be used on either Windows or Macintosh. They remain the leaders in the field even among all of the competition that has come and gone since 1982 when they first started.

We all know that the computer scene has continued to change drastically and at an increasingly rapid pace since the 1980's. AutoCAD has kept up with the changes and has become much more complex and efficient than the original software was; however, the main principals are still very simple and work in a logical way.

In 1993, AutoCAD LT was introduced as the cheapest, simpler and best alternative. It doesn't include various enhanced features such as 3D; however, it is still a very complete program.

In 2010, AutoCAD for Mac was released and it basically works the same as on Windows. Some complain that the interface layout has not changed on the Mac version since the pre 2009 era.

AutoCAD Features:

AutoCAD 2D has many features and capabilities. It obviously can draw and modify structures accurately. Text and precise dimensions can be added easily. The geometry can be viewed at different scales, and the project can be organized by layers, colors, and styles. Another nice feature is that a variety of layouts can be set up for printing purposes. Another plus is that it is easy to collaborate with other AutoCAD users over the internet. There are a variety of AutoCAD versions available on internet you can go through but most recommended is always the latest one.

Getting started with AutoCAD is relatively simple. There are three basic steps that you will need to take:

- Drawing
- Adding text and dimensions
- Printing or “plotting”

AutoCAD is made simple by the fact that it is a procedural program, which means that the command window prompts you to enter commands in a logical step by step manner. Most architectural software has proper capability for high quality visualization and even walk through movies can be made in these software's but this is often outsourced and with a little efforts this work can be done in-house which will save the business profits and give you the chance to increase your quality.