

## “AUTOCAD 2004” Training Program (English Material)

**Course Length:** 24 Hours @ 8days

### Course Overview

AutoCAD is now the leading program for computer-aided design throughout the world. It is an essential tool in many industries, including mechanical and civil engineering, architecture, facilities planning and management

The course takes a step-by-step approach to learning AutoCAD, starting with a few basic tools to let students create and edit a simple drawing, and then gradually introducing more advanced tools.

### Who Should Attend

This course is intended for those who are interested in Computer Aided Design or for those who want to become proficient using AutoCAD software. Also this course is designed for engineers, and students in mechanical and civil engineering, architecture.

### Course Outline

#### **I. Level 1**

- A. Creating a Simple Drawing
  - i. Getting Started with AutoCAD
  - ii. Basic Drawing and Editing Commands
- B. Making Your Drawings More Precise
- C. Drawing Organization and Information
  - i. Organizing Your Drawing with Layers
  - ii. Two More Object Types
  - iii. Getting Information from Your Drawing
- D. Creating More Complex Objects
  - i. Advanced Editing Commands
  - ii. Inserting Blocks
- E. Preparing to Print
  - i. Setting Up a Layout
  - ii. Printing Your Drawing
- F. Annotating Your Drawing
  - i. Text
  - ii. Hatching
  - iii. Adding Dimensions
- G. Advanced Editing Features
  - i. Changing an Object's Length
  - ii. Productivity Tools
- H. Efficient Construction Techniques
  - i. Creating and Managing Blocks