AutoCAD

- **Who All Can Attend this Course?**

  This course is ideal for the CAD industry professionals, holding the designation of

  ➢ Site Engineers (Mechanical Electrical & Plumbing)
  ➢ Civil Engineers
  ➢ Drafters
  ➢ Design Engineer's

- **AutoCAD training an Overview**

  In this beginner AutoCAD class, you'll learn basic drawing and modifying techniques for drafting and technical drawing, using AutoCAD to create drawings that can be used to build and real objects both mechanical and architectural. We'll cover basic methods of printing and plotting layouts and sheets, working between model space and paper space, and scaling drawings through viewports. Learn techniques for inserting blocks, making text, dimensioning drawings, and working with layers and templates.

Course Outline

1: Getting Started with AutoCAD
- Opening and Creating Drawings
- Exploring the AutoCAD Interface
- Zooming and Panning

2: Basic Drawing & Editing Commands
- Using the Mouse, Keyboard, and Enter Key to work quickly and efficiently in AutoCAD
- Lines
- Circles
- Rectangles

3: Projects - Creating a Simple Drawing
- Creating Simple Drawings
- Using Object Snap Tracking to extrapolate a projected top view
- Using Modify tools to arrange an office layout

4: Drawing Precision in AutoCAD
- Polar and Ortho Tracking
- Entering Coordinates and Angles
- Object Snaps and Tracking

5: Making Changes in Your Drawing
- Move
- Copy
- Rotate
- Mirror
- Scale
- Using the reference option with the Scale Tool

6: Drawing Templates
- Using Template Files (.dwt) to Make New Drawing
- Exploring what Settings and Elements are saved with Templates

7: Organizing Your Drawing with Layers
- Layer States
- Properties by Layer
- Layer Tools

Thank You!