

Mechanical Design Application Using AutoCAD®

AutoCAD® is the worldwide industry leader in PC based Computer-Aided-Design (CAD) software for mechanical design and engineering. AutoCAD® utilizes the most intuitive windows user interface in the industry and is the preferred CAD software across all Engineering and Design disciplines.

This training program is tailored for experienced manufacturing, design, and engineering professionals who need to develop skill and speed in applying CAD techniques to create complex 2D and 3D drawings and solid models fully dimensioned and annotated for manufacturing and/or construction.

This is an 80 hours, **16 weeks class** that meets one day per week for 5 hours. Our computer lab is state-of-the-art with Pentium IV computers that have been properly equipped to handle this computer RAM intensive software.

Project Focused Subject Environment

- Getting started on your project
 - Using the Command Line and Keyboard
 - Using the pointing device
 - Using the Cartesian Coordinate Workspace
 - Creating Rudimentary Objects
 - Designing with Precision
 - Modifying your Design
 - Organizing your Design
 - Extracting Information from your Design
 - Creating AutoCAD Blocks with Attribute Text
 - Using Layouts with Model Space/Paper Space
 - Dimensioning your Design
 - Annotating your Design
 - Printing/Plotting your Design

- Applying Advanced AutoCAD Concepts and Techniques
 - Using External References
 - Using Raster files in your Design
 - Creating 3D Models of your Design
 - Using Publisher for Batch Plotting
 - Using Sheet Sets
 - Monitoring CAD compliance
 - Using Tool Palettes
 - Creating Custom Toolbars
 - Application Project



To get more information or a schedule and enrollment application please call us at (818) 957-0024.