

## Level 1 – Fast Track AutoCAD® Workshop by CCAD inc.

The outline below summarizes the topics covered in our **Three Day Level 1 – Fast Track AutoCAD 2005 Workshop**. This is an accelerated Level 1 AutoCAD workshop designed for students with prior CAD experience. If you are upgrading from AutoCAD r14 or 2000/2000i this workshop is an excellent choice. Participants must have 240 hours of experience with CAD within the past two years to register for this workshop.

Exercises for the workshop are drawn from a variety of disciplines, including part design, facility layout, architectural drafting and schematics. Participants for each workshop are surveyed to determine their areas of interest and when possible, exercises are tailored to match the needs of the workshop attendees.

### Day One

- ⊕ Opening Files, Navigating The AutoCAD® User Interface
- ⊕ Drawing Rectangles, Lines, Circles, Text And Quick Dimensions
- ⊕ Deleting Objects, Canceling, Undo And Redo
- ⊕ Moving, Copying, Stretching, Mirroring, Breaking, Rotating And Scaling Objects
- ⊕ Using Objects Snaps To Select Endpoints, Midpoints, Tangents, Center Points And Intersections
- ⊕ Trimming, Extending And Offsetting Objects
- ⊕ Selecting Objects Using A Window, Crossing Window, Window Polygon And Crossing Polygon
- ⊕ Turning Off Layers, Locking Layers, Freezing Layers
- ⊕ Make New Layers, Assigning Objects To Layers
- ⊕ Assigning Color, Linetype And Lineweight Properties To Objects

### Day Two

- ⊕ Using Layouts Tabs (Sheets) To Format A Project
- ⊕ Working With Viewports, Using Non-Plotting Layers, Adding Title Notes
- ⊕ Copying And Renaming Layouts
- ⊕ Layering And Layouts
- ⊕ Drawing Polylines, Calculating Area And Perimeter, Joining Polylines
- ⊕ Creating Polar And Rectangular Arrays
- ⊕ Using Object Tracking To Align Features
- ⊕ Copying Objects From Other Drawings
- ⊕ Creating A Section View (Hatching)

### Day Three

- ⊕ Working With Single Line And Multiline Text, Sizing, Rotating And Justifying Text
- ⊕ Adding Dimensions In A Mechanical Drawing
- ⊕ Fine Tuning Dimension Location And Format
- ⊕ Formatting Dimensions For An Architectural Drawing
- ⊕ Sizing Dimensions For The Current Scale
- ⊕ Using Plot Styles To Control The Appearance Of Plotted Drawings

