DISC

Since 1987

DEVELOPMENT INSTITUTE
FOR SCIENCE & COMPUTER
D I S C
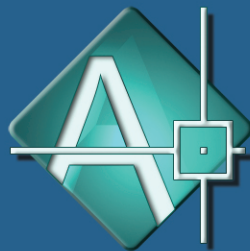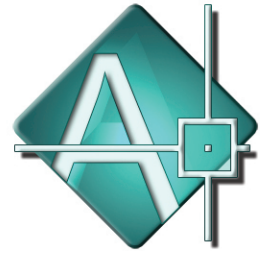
AutoCAD

PURPOSE OF AUTOCAD

The AutoCAD software goals:

- Increasing productivity
- Decreasing the time and efforts
- Decreasing the number of steps to reach
  a command
- Simplify working with layer , and
- Help make new users productive
   as quickly as possible

AutoCAD

COURSE TOPICS

- **2-D Drafting (Mechanical, Electrical, Architectural, etc.)**
  Lines, circles, arcs, polylines, rectangles, polygons, splines, points, texts, and area hatching

- **3-D Modeling**
  Wireframe modeling, surface modeling, and solid modeling

- **Operations to 2-D and 3-D Objects**
  Moving, rotating, copying, mirroring, and erasing.

- **Viewing**
  Zooming and panning, multiple viewport generation, user coordinate system, (UCS) definition and viewing direction selection.

- **Dimensioning and Tolerance**
  Linear dimensions, angular dimensions, radius dimensions, diameter Dimensions, baseline dimensions, continuous dimensions, leaders, & size And geometric tolerances.

- **3-D Images**
  Wireframe images, hidden line images, shading images, and rendering images.

- **Organization of Objects**
  Layers, colors, line types, groups, blocks, attributes, and references.