

نام دوره : Mechanical Desktop I

مدت : ۳۶ ساعت

پیشنیاز : اتوکد پیشرفته

## User Interface

- Desktop Browser
- Right Mouse Button Support
- Toolbars
- Pull- down Menus

## Viewing the Model

- 3D Orbit
- Number Of Views
- Fit Views
- Saving and Retrieng Views

## Parametric ketch

- Profiles, 2D and 3D Path, Cutline, Breklin
- Re –Solve Sketch
- Copy Sketch
- Append to Sketch
- Construction Line and Circle

## 2D Constatints

- **Add Constatints**
- Show Constatints
- Delete Constatints
- Parametric Dimensions

## Sketch Features

- Extrude , Revove , Sweep, Loft

## Work Features

- WorkPoint, WorkAxis, Workplane
- Hole, Fillet, Chamfer, Copy, Array, Shell

## Editing The Model

- Update
- Edit Feature, Power Edit
- Delete Feature, Edit Dimension
- Part Mirror, Scale Part

## Design Variables

- Equation as Dimensions
- Table Driven Parts

شرکت تکنولوژی الکترونیک و سیستم های کنترل – کنترونیک  
(بخش آموزش)



نام دوره : Mechanical Desktop II

مدت : ۳۶ ساعت

پیشنیاز : Mechanical Desktop I

### **Part Management, Local Parts**

- Assembly Methodology
- Terms
- New Parts
- New Toolbody
- New Subassembly

### **Part Management, External parts**

- Catalog, Attaching External Parts
- Localizing and Instancing Parts
- Externalizing Parts, Renaming Definitions
- Editing Localized Parts in Assemblies
- Replacing Instances
- Editing External Parts in Place
- Unloading and Reloading of External Parts

### **Assembly Constraints**

- Degree Of Freedom
- Assembly Constraints
- Mate Constraints
- Flush Constraints
- Insert Constraints
- Combine Parts

### **Assembly Scene**

- Assembly Scene Concepts
- Exploded Views
- Trial Lines
- Scene Manipulation
- Scene Options

### **Surface Modeling**

- Surface Modeling Concepts
- NURBS Surface Construction
- NURBS Surface Editing
- 3D Wires Construction
- 3D Wires Editing
- Utilites
- Surface Modeling Option
- Surface Modeling Tools
- Surface Cut