AutoCAD

Introduction of AutoCAD
- Drawing Area
- Command Window
- Status Bar
- Starting New Drawing
- Dynamic Input Mode
- Creating And Managing Workspace

Introduction of AutoCAD
- Coordinate Systems
- Drawing Lines & Circles
- Erasing Object
- Canceling & Undoing A Command
- Inputting Data
- Creating Basic Objects
- Using Object Snaps
- Using Polar Tracking And Polar Snap
- Using Object Snap Tracking
- Working With Units

Modifying Objects
- Selecting Objects In The Drawing
- Changing An Object's Position
- Creating New Objects From Existing Objects
- Changing The Angle Of An Object's Position
- Creating A Mirror Image Of Existing Objects
- Creating Object Patterns
- Changing An Object's Size

Altering Objects
- Trimming And Extending
- Objects To Defined Boundaries
- Creating Parallel And Offset Geometry
- Joining Objects
- Breaking An Object Into Two Objects
- Applying A Radius Corner To Two Objects
- Creating An Angled Corner Between
- Two Objects
- Changing Part Of An Object's Shape

Hatching & Gradients
- Use Hatching/Gradients
- Create Annotative Hatch/Gradients
- Editing Hatch/Gradients Patterns
- Editing Hatch/Gradients Boundary
- Other Features Of Hatching/Gradients

Drawing Organization and Inquiry Commands
- Using Layers
- Changing Object's Properties
- Matching Object's Properties
- Using the Properties Palette
- Using Line types
- Using Inquiry Commands

Creating Additional
- Using Layers
- Changing Object's Properties
- Matching Object's Properties
- Using the Properties Palette
- Using line types
- Using Inquiry Commands

Drawing Objects
- Creating And Editing Multiline
- Creating Revision Clouds
- Regions

Manipulating Objects and Data
- Selecting Objects With Quick Select
- Purging Objects
- Working With Point Objects
- Dividing And Measuring Objects

Dimensioning
- Introduction To Dimensioning
- Basic Dimensioning

Isometric Drawings
- Changing The Workspace For Isometric
- Drawings
- Rules Of Isometric Drawings
- Working In Isometric Drawings
- Isometric Projections
- Isometric Axes & Planes
- Setting The Isometric Grid & Snap

Creating 3D Designs
- Inputting Data
- Introduction to Free-Form Designs
- Creating Wireframes & Surface Designs
- Creating 3D-Volumetric Designs
- Working with Pre-defined Solid Primitives
- Manipulating/Modifying 3D Profiles & Models
- Creating Composite models
- Filleting & Chamfering Solid models
- Using Booleans on Solid Models
- Use of Productivity Tools

Rendering
- Concept of Rendering
- Selecting & attaching Materials
- Creating New Materials

Working with reusable content
- Creating Blocks
- Working With Blocks
- Saving A Block For Further Use
- Editing/Modifying Of Saved Block
- Reusing Saved Blocks

Design Centre & Tool-Pallets
- Introduction To Design Centre & Tool Pallets
- Using Predefined Blocks
- Editing the Predefined Blocks In Design Centre
- & Tool Pallets

Dimensioning and Annotation
- Introduction To Annotation Scaling
- Controlling Annotation Scale
- Using Multileaders
- Dimensioning
- Creating Center Marks
- Creating Ordinate Dimensions
- Creating Geometric
- Dimensions And Tolerances
- Working With Dimension
- Sub styles And Overrides

Layer Management and Best Practices
- Working With Layer Filters
- Using The Layer States Manager
- Using Layer Standards

PROJECTS

Partners : ORACLE WORKFORCE DEVELOPMENT PROGRAM | redhat CERTIFIED TRAINING PARTNER | UBI Unica Business and Innovation Centre | edexcel | Java

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