



**IFS ACADEMY**

Training For The Future!!

**AUTODESK**  
Authorized Training Center

**CERTYPORT**  
AUTHORIZED TESTING CENTER

**AutoCAD for Architects**  
**Instructor-Led Online Training**  
**(Duration: 40 Hrs)**  
**Course Curriculum**

**Chapter 1: Getting started**

- About Autodesk & AutoCAD
- CAD History
- Graphical User Interface
- Application Menu
- Workspaces
- Ribbon
- File Tabs
- Accessing Help
- Drawing Templates
- Standards Based Design
- Create New Drawings and Templates

**Chapter 2: Object Property & Layer Management**

- Managing Layers
- Configure Object Property Settings
- Automatic Management of Layers
- Layer Functions and Display

**Chapter 3: Drawing Geometry**

- Drawing Creation Workflows and Organization
- Structuring Data in Drawings
- Reusing and Editing Structured Data

**Chapter 4: Tools for Creating Key Geometry**

- Core Design Tools: Creating Rectangles, Placing Hatch, Fillets, Chamfers, Contours
- Power Snaps
- Centerlines
- Construction Lines
- Designing with Lines
- Adding Standard Feature Data for Holes and Slots

**Chapter 5: Tools for Manipulating Geometry**

- Editing Tools
- Power Commands
- Associative Hide

**Chapter 6: Creating Drawing Sheets**

- Model Space Views in Layouts
- Creating Drawing Sheets in Model Space
- Annotation
- Title Blocks and Drawing Borders

#### **Chapter 7: Dimensioning and Annotating Drawings**

- Annotation and Annotation Symbols
- Creating Dimensions
- Editing Dimensions

#### **Chapter 8: Setting Up a Layout**

- Printing Concepts
- Working in Layouts
- Creating Layouts
- Guidelines for Layouts

#### **Chapter 9: File Management**

- Import & Export
- DWG Files
- IGES Files
- Project Documentation

#### **Chapter 10: Plotting & Printing**

- Printing Layouts
- Print & Plot Settings
- Projects Printing / Plotting

#### **Chapter 11: Architecture Application Exercises**

- Creating basic floor plans with walls, doors, and windows
- Creating specialty objects, such as column or ceiling grids, stairs & railings
- Adding roofs and floor slabs
- An introduction to Projects and the Project Navigator
- Adding furniture, fixtures, and equipment
- Creating details
- Displaying elevations, sections, and perspectives
- Marks, tags & schedules, and other documentation
- Drawing cameras, adding lights, and basic rendering
- Live Case Study

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