



IFS ACADEMY

Training For The Future!!

AUTODESK
Authorized Training Center

CERTIPORT
APPRAISAL TESTING CENTER

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

AutoCAD 2D

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

IFS Academy, Pune

Phone: +91-20-25430338, Mob. No.: +91-98228 49628, Email: training@ifsacademy.org

Visit Us At: www.ifsacademy.org