



IFS ACADEMY

Training For The Future!!

DraftSight CAD Certification Course
Course Curriculum. Duration: 40 Hrs.
Instructor-Led Online Training

Chapter 1: User Interface

- a. What is DraftSight?
- b. The User Interface
- c. Stages in the Process
- d. Pointing Devices
- e. Title Bar
- f. Toolbars
- g. Dock and Undock
- h. Tool Palettes
- i. Customize - Tool Palettes
- j. Exercise 1: Mouse Gestures
- k. Exercise 2: Tool Palettes

Chapter 2: View Commands

- a. Viewing Drawings in DraftSight
- b. Stages in the Process
- c. Dynamic Pan
- d. Dynamic Zoom
- e. Zoom Window
- f. Zoom Fit
- g. Rebuild
- h. Display Quality
- i. Zoom Previous
- j. Named Views
- k. View Tiles
- l. Viewports
- m. Exercise 3: Zoom and Pan
- n. Exercise 4: Views

Chapter 3: Coordinates

- a. DraftSight Coordinate System
- b. Stages in the Process
- c. Cartesian Coordinates
- d. Inquiries

- e. Distance
- f. Area
- g. Get Properties
- h. Get Time
- i. Units
- j. Unit Length Types
- k. Angular Unit Types
- l. Base Angle
- m. Coordinate Entry
- n. Quick Input
- o. Entity Snaps
- p. Esnap From Point
- q. Drawing Boundaries
- r. Exercise 5: Inquiries
- s. Exercise 6: Entity Snaps and Coordinates

Chapter 3: Creating a Simple Drawing

- a. DraftSight Drawing Basics
- b. Stages in the Process
- c. New Drawings
- d. Lines
- e. Delete
- f. Selection Methods
- g. Rectangle
- h. Circle
- i. Undo / Redo
- j. Arc
- k. Polygon
- l. Exercise 7: Create a simple drawing

Chapter 4: Modifying Entities

- a. Modifications
- b. Stages in the Process
- c. Move
- d. Rotate
- e. Mirror
- f. Stretch
- g. Copy
- h. Scale
- i. Quick Modify
- j. Power Trim
- k. Exercise 8: Move and Rotate
- l. Exercise 9: Mirror and Stretch

- m. Exercise 10: Power Trim & Scale

Chapter 5: Properties and Layers

- a. Layers
- b. Stages in the Process
- c. Layer States
- d. Show or Hide Layers
- e. Freeze and Thaw Layers
- f. Locked Layers
- g. Layer Manager
- h. Entity Properties
- i. Color
- j. Line Style
- k. Line Weight
- l. Properties Painter
- m. Clean
- n. Merge Layers
- o. Exercise 11: Layers and Properties

Chapter 6: Dimensions

- a. Dimensions
- b. Stages in the Process
- c. Dimension Styles
- d. Smart Dimension
- e. Linear Dimension
- f. Angular Dimension
- g. Diameter Dimension
- h. Dimension Palette
- i. Continue Dimensions
- j. Split Dimension
- k. Exercise 12: Dimension Style
- l. Exercise 13: Dimensioning
- m. Exercise 14: Modifying Dimensions

Chapter 7: Text

- a. Text
- b. Stages in the Process
- c. Text Styles
- d. Simple Notes
- e. Notes

- f. Note Formatting
- g. Smart Leaders
- h. Curved Text
- i. Find and Replace
- j. Spell Check
- k. Exercise 15: Adding Text
- l. Exercise 16: Format Text

Chapter 8: Blocks

- a. Blocks
- b. Stages in the Process
- c. Make Blocks
- d. Paste as Block
- e. Insert Block
- f. Edit Component
- g. Assign Attributes
- h. Update Block Attributes
- i. Block Attributes Display Mode
- j. Edit Attributes
- k. Exercise 17: Creating and Inserting Blocks

Chapter 9: Custom Blocks

- a. What are Custom Blocks?
- b. What is an Element?
- c. What is an Activity?
- d. Stages in the Process
- e. Edit Blocks
- f. Mirror Element
- g. Mirror Activity
- h. Visibility States
- i. Toggle Visibility
- j. Exercise 18: Creating and Testing a Custom Block

Chapter 10: Entity Groups

- a. Entity Groups
- b. Stages in the Process
- c. Creating Entity Groups
- d. Entity Group Selection
- e. Entity Group Display Mode

- f. Entity Group
- g. Edit Entity Group
- h. **Exercise 19:** Creating and Editing Entity Groups

Chapter 11: Printing

- a. Printing in DraftSight
- b. Stages in the Process
- c. Print Previews
- d. Print Configurations
- e. Quick Print
- f. Manual Setup
- g. Additional Options
- h. Style Table
- i. **Exercise 20:** Manual Print

IFS Academy, Pune

Phone: +91-20-25430338, M: +91-99224 40102 / 98228 49628, Email: training@ifsacademy.org,

Visit Us At: www.ifsacademy.org