

DraftSight Essentials Course Outline

 DURATION/TIME 2 Days 9:00 am - 5:00 pm	 METHODOLOGY Practical hands-on with using computers, lecturing, discussions and case studies.
 PREREQUISITES Experience with the Windows™ Operating System. Basic understanding of part design and drafting. Have DraftSight installed	 TARGET Application Engineer, R&D Engineer, Product Designer or Engineer, and Industrial Engineer

INTRODUCTION

The goal of this course is to teach you how to use DraftSight to optimize your drawings and designs manufacturability so you can maximize quality, avoid rework and decrease time to market.

OBJECTIVE

At the end of this program participants are expected to:

- Describe the User Interface and View Commands of the DraftSight software
- Create drawings using the DraftSight software.
- Modify entities and define properties and layers
- Adding dimensions, texts and blocks to drawings

CONTACT

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DraftSight Essentials

DAY 1

Course Outline:

Lesson 1: User Interface

- What is DraftSight?
- The User Interface
- Stages in the Process
- Pointing Devices
- Title Bar
- Toolbars
- Dock and Undock
- Tool palettes
- Customize – Tool palettes

Lesson 2: View Commands

- Viewing Drawing in DraftSight
- Stages in the Process
- Dynamic Pan
- Dynamic Zoom
- Zoom Window
- Zoom Fit
- Rebuild
- Display Quality
- Zoom Previous
- Named Views
- View Tiles
- Viewports

Lesson 3: Coordinates

- DraftSight Coordinate System
- Stages in the Process
- Cartesian Coordinates
- Inquiries
- Units
- Base Angle
- Coordinate Entry
- Quick Input
- Entity Snaps
- Drawing Boundaries

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DAY 1

Course Outline:

Lesson 4: Creating a Simple Drawing

- DraftSight Drawings Basics
- Stages in the Process
- New Drawings
- Lines
- Delete
- Selection Methods
- Rectangle
- Circle
- Undo/Redo
- Arc
- Polygon

Lesson 5: Modifying Entities

- Modifications
- Stages in the Process
- Move
- Rotate
- Mirror
- Stretch
- Copy
- Scale
- Quick Modify
- Power Trim

Lesson 6: Properties and Layers

- Layers
- Stages in the Process
- Layer States
- Locked Layers
- Layer Manager
- Entity Properties
- Properties Painter
- Merge Layers

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DAY 2

Course Outline:

Lesson 7: Dimensions

- Dimensions
- Stage in the Process
- Dimension Styles
- Smart Dimension
- Linear Dimension
- Angular Dimension
- Diameter Dimension
- Dimension Palette
- Continue Dimensions
- Split Dimension

Lesson 8: Text

- Text
- Stages in the Process
- Text Styles
- Simple Notes
- Notes
- Note Formatting
- Smart Leaders
- Curved Text
- Find and Replace
- Spell Check

Lesson 9: Blocks

- Blocks
- Stages in the Process
- Make Blocks
- Paste as Block
- Insert Block
- Edit Component
- Assign Attributes
- Update Block Attributes
- Block Attributes Display Mode
- Edit Attributes

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Day 2

Course Outline:

Lesson 10: Custom Blocks

- What are Custom Blocks
- Stages in the Process

Lesson 11: Entity Groups

- Entity Groups
- Stages in the Process
- Edit Entity Group

Lesson 12: Printing

- Printing in DraftSight
- Stages in the Process
- Print Previews
- Prints Configurations
- Quick Print
- Manual Setup
- Additional Options
- Style Table

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