# Training: SOLIDWORKS DraftSight Essentials (2 days)

**Prerequisites:** Experience with the Windows® operating system, Have DraftSight installed, Have read/undertaken the coursework prior to class attendance.

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

## Introduction
- About This Course

## Lesson 1: User Interface
- What is DraftSight?
- The User Interface
- Stages in the Process.
- Title Bar
- Toolbars
- Dock and Undock

## Lesson 2: View Commands
- Viewing Drawings in DraftSight
- Stages in the Process
- Dynamic Pan
- Dynamic Zoom
- Zoom Window/Fit
- Rebuild
- Display Quality
- Zoom Previous
- Named Views
- View Tiles

## Lesson 3: Coordinates
- DraftSight Coordinate System
- Stages in the Process
- Cartesian Coordinates
- Inquiries (Distance, Area, Properties)
- Units Settings
- Base Angle
- Coordinate Entry
- Quick Input
- Entity Snaps
- Drawing Boundaries

## Lesson 4: Creating a Drawing
- DraftSight Drawing 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
- Layer States
- Freeze and Thaw Layers
- Locked Layers
- Layer Manager
- Entity Properties
- Properties Painter

## Lesson 7: Dimensions
- Dimensions
- Dimension Styles
- Smart Dimension
- Linear Dimension
- Angular Dimension

- Diameter Dimension
- Dimension Palette
- Continue Dimensions
- Split Dimension

## Lesson 8: Text
- Text
- Text styles
- Simple Notes
- Notes
- Note Formatting
- Smart Leaders
- Curved Text
- Find and Replace
- Spell Check

## Lesson 9: Blocks
- Blocks
- Make Blocks
- Paste as Block
- Insert Block
- Edit Component
- Assign Attributes
- Update Block Attributes
- Block Attributes Display Mode
- Edit Attributes

## Lesson 10: Printing
- Printing in DraftSight
- Print Previews
- Print Configurations
- Quick Print
- Manual setup

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