

Course outline:

The objective of this training course is to provide you with a deep understanding of the primary functions in DraftSight 2D CAD.

By the end of this two day course, you will have increased confidence in your 2D drafting abilities and be able to save time on “every day” tasks. We’ll teach you everything you need to know, including the latest drafting techniques and shortcuts in the software.

Subjects taught on the course are as follows...

1. User Interface

- UI overview
- Exercise: Trimming & Dimensioning

2. View commands

- Pan, Zoom, View Tiles & Named Views
- Exercise: Create view & place on sheet drawing

3. Coordinates

- Drafting using coordinates from origin
- Exercise: Drafting using coordinates & relative to previous lines

4. Creating a simple drawing

- Line, Rectangle, Circle, Arc, Polygon
- Exercise: Create component sketch & dimension (includes numerous commands & snaps)

5. Modifying entities

- Move, Rotate, Scale, Stretch, Mirror, Copy
- Exercise: Modify component using Rotate, Mirror & Trim

6. Properties & Layers

- Grouping by Layers, Layer States (On, Hidden, Frozen, Locked)
- Exercise: Applying Layers & creating Drawing view Tiles with different layers active

7. Dimensions

- Create a dimension style - Text, Arrows, Spacing. Dimension types - Linear Angle, etc.
- Exercise: Dimensioning a component

8. Text

- Create & edit Text boxes - Font, Size, etc. Annotate using Leaders & Arrows
- Exercise: Annotating a sketch with Text boxes, Format & Spell Check

9. Blocks

- Block from geometry, insert Blocks & modify Block attributes/info
- Exercise: Creating a Block, inserting & copying to complete a sketch

10. Printing

- Print settings & configuration
- Exercise: Creating an image file of a specific view via printing

