

evolveconsultancy

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approved ND

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TRAINING SYLLABUS

MICROSTATION 3D BASIC

no. of delegates Up to 6 maximum.

description Creating 3D models helps users better visualise and present designs that are created with CAD. This course introduces the attendees to the fundamental concepts and workflows for creating 3D models with MicroStation. Attendees explore how to create and modify solid models as well as how to output 3D models from the design environment to either paper or a distributable, electronic version.

prerequisites The attendees should be proficient working with 2D elements and AccuDraw in MicroStation.

objectives The following product areas are covered during this course, although a fully customised course can be developed based on your needs:

1.0 VIEW CONTROLS

- The interface
- Navigating a 3D model
- Mouse buttons

2.0 ACCURATE DRAWING IN 3D

- AccuDraw and AccuSnap
- Using coordinates and ACSs

3.0 3D MODELLING

- Working with references

4.0 SOLIDS

- Primitives
- Constructing solids
- Manipulating and modifying 3D solids
- Cells and Graphic Groups

5.0 SURFACES

- Placing and modifying surfaces
- Meshes

6.0 USING CAMERAS

- Setting up a camera
- Saved Views

7.0 DYNAMIC VIEWS

- Creating Callouts
- Drawing Models
- Project Explorer
- Adding Dynamic Views to sheets

8.0 DATA EXCHANGE

- Exporting Visible Edges
- 3D PDF
- DWG