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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:

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|---|--|
| <p>1.0 VIEW CONTROLS</p> <ul style="list-style-type: none"> <li>• The interface</li> <li>• Navigating a 3D model</li> <li>• Mouse buttons</li> </ul>  | <p>5.0 SURFACES</p> <ul style="list-style-type: none"> <li>• Placing and modifying surfaces</li> <li>• Meshes</li> </ul>   |
| <p>2.0 ACCURATE DRAWING IN 3D</p> <ul style="list-style-type: none"> <li>• AccuDraw and AccuSnap</li> <li>• Using coordinates and ACSs</li> </ul>   | <p>6.0 USING CAMERAS</p> <ul style="list-style-type: none"> <li>• Setting up a camera</li> <li>• Saved Views</li> </ul>  |
| <p>3.0 3D MODELLING</p> <ul style="list-style-type: none"> <li>• Working with references</li> </ul>   | <p>7.0 DYNAMIC VIEWS</p> <ul style="list-style-type: none"> <li>• Creating Callouts</li> <li>• Drawing Models</li> <li>• Project Explorer</li> <li>• Adding Dynamic Views to sheets</li> </ul> |
| <p>4.0 SOLIDS</p> <ul style="list-style-type: none"> <li>• Primitives</li> <li>• Constructing solids</li> <li>• Manipulating and modifying 3D solids</li> <li>• Cells and Graphic Groups</li> </ul> | <p>8.0 DATA EXCHANGE</p> <ul style="list-style-type: none"> <li>• Exporting Visible Edges</li> <li>• 3D PDF</li> <li>• DWG</li> </ul>  |