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TRAINING SYLLABUS

PRACTICAL ARCHITECTURAL MODELLING WITH AECOSIM BUILDING DESIGNER

no. of delegates	Up to 6 maximum	
description	Creating 3d models using ABD can help improve the production of documentation as well as provide better visuals. This course introduces attendees to the fundamental concepts and workflows for using ABD as a 3D/BIM modelling package as well as how to output 2D documents to either paper or a distributable, electronic version.	
prerequisites	The attendees should be proficient working with 2D elements and AccuDraw.	
objectives	The adoption of 3D and Building Information Modelling will be covered through:	
	1.0 GETTING STARTED IN 3D	6.0 "COMPONENT" MODELLING
	<ul style="list-style-type: none"> • Introduction to 3D • View controls • AccuDraw in 3D 	<ul style="list-style-type: none"> • Compound cells • Level of detail
	2.0 THE INTERFACE	7.0 CREATING DRAWINGS
	<ul style="list-style-type: none"> • Tools and Tasks • Disciplines • The mouse 	<ul style="list-style-type: none"> • Defining Dynamic Views • Using Drawing Models • Setting up a sheet • Adding annotation and detail
	3.0 SETTING UP THE PROJECT	8.0 SCHEDULES
	<ul style="list-style-type: none"> • Coordinate space • Grids • Floor Manager and ACSs 	<ul style="list-style-type: none"> • DataGroups and the DataGroup Explorer • Working with Excel
	4.0 AREA PLANNING	9.0 ADDING PROJECT CONTENT
	5.0 3D MODELLING	<ul style="list-style-type: none"> • Creating new wall types • Families and Parts
	<ul style="list-style-type: none"> • Creating Walls, Columns and Slabs • Placing Doors and Windows • Stairs & handrails • Editing and modifying objects 	10.0 EXCHANGING DATA
		<ul style="list-style-type: none"> • Using BIM for visualisation • i-models, IFC & DWG • Working with Revit