

by DANIEL HESELWOOD

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approved ND

EVOLVE TECHCON LTD
HAYESFIELD · PIONEER AVENUE
BATH · BA2 5QX · UK

ADMIN@EVOLVE-CONSULTANCY.COM

WWW.EVOLVE-CONSULTANCY.COM

TRAINING SYLLABUS

PRACTICAL MODELLING WITH REVIT ARCHITECTURE

no. of delegates Up to 6 maximum.

description This course covers the workflow principles and skills required for a user to produce models and documentation using Revit as part of a project team.

prerequisites The attendees should have an understanding of 3D space & BIM concepts.

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

1.0 GETTING STARTED IN 3D

- Introduction to 3D
- View Navigation

2.0 THE INTERFACE

- The Ribbon Bar
- Properties
- Keyboard and Mouse

3.0 SETTING UP THE PROJECT

- Coordinate space
- Grids
- Levels and Views
- Worksets

4.0 AREA PLANNING

5.0 3D MODELLING

- Creating Walls, Columns and Floors
- Placing Doors and Windows
- Stairs and Railings
- Modifying elements

6.0 CREATING DRAWINGS

- Creating Sheets
- Editing Sheets
- Adding Annotation
- Printing

7.0 SCHEDULES

- Creating and Editing
- Parameters and Calculations

8.0 DEVELOPING PROJECT CONTENT

- Masses
- Walls and Slabs
- 2D and 3D Families
- Parameters

9.0 EXCHANGING DATA

- IFC & DWG