

# evolveconsultancy

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approved ND

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## TRAINING SYLLABUS

### DPL2 REVIT MEP

no. of delegates Up to 6 maximum.

description This course covers the workflow principles and advanced skills required for a user to develop content, manage projects and exchange data using Revit.

prerequisites EVDPL1RMEP – Digital Production Level 1 Revit MEP.

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

#### 1. MEP FAMILY EDITOR

- System families, components & in-place families
- 3D & 2D geometry
- Discipline-based requirements:
  - HVAC components
  - Pumps & valves
  - Fixtures
  - Electrical devices & lighting
  - Distribution boards
- Adding parameters & connectors
- Nested families
- Visibility settings

#### 2. IFC MODELLING

- Coordinates & spatial location
- Project information & loading required parameters
- Spaces & Zones
- Categories & IFC entities
- Classifications

#### 3. IFC EXPORT

- Model validation
- Defining the export view
- IFC export settings
- Mapping property sets

# TRAINING SYLLABUS

## TITLE

### 4. IFC IMPORT

- Creating IFC import template
- IFC class mapping
- Validation & error check

### 5. MODEL VALIDATION

- Validation overview

- Model & view setup
- Model Standards

### 6. COBIE EXTENSION

- Configuring the COBie extension
- Parameters
- Validation & verification