

evolveconsultancy

by NIGEL DAVIES

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approved DGH

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

ADMIN@EVOLVE-CONSULTANCY.COM

WWW.EVOLVE-CONSULTANCY.COM

TRAINING SYLLABUS

BIM CERTIFIED TRAINING SCHEME

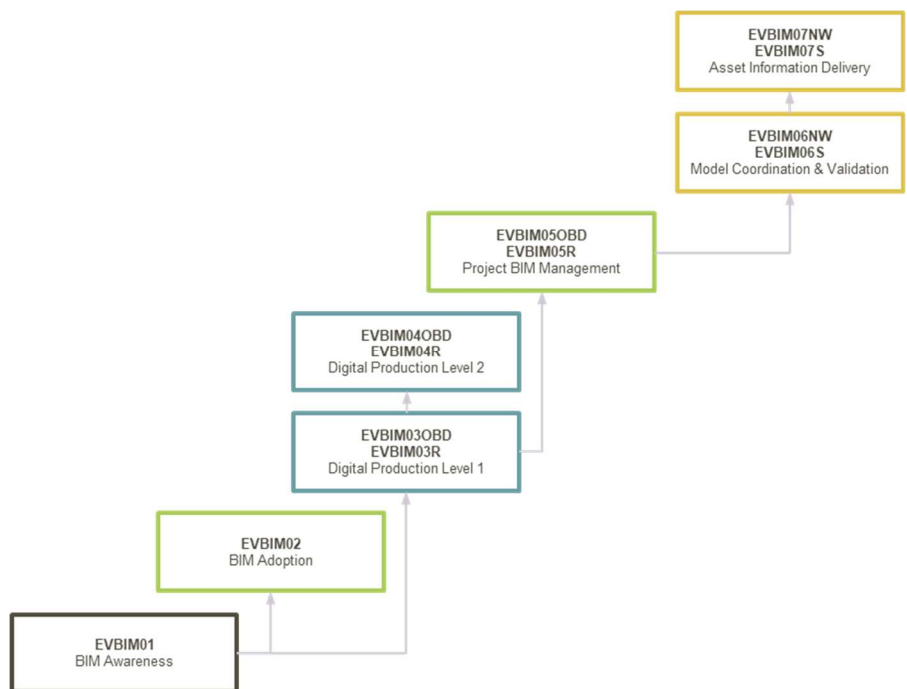
no. of delegates Up to 8 maximum.

description The certification paths allow all types of staff to undertake the necessary learning relevant to their position, from company directors who may not have a day-to-day responsibility for running BIM projects through to project leaders, senior designers, architects, engineers, technicians and BIM coordinators.

prerequisites Defined below.

objectives Evolve's certified BIM training scheme is intended to standardise the knowledge necessary to deliver against the processes defined in the ISO19650 series.

To become certified at the required level, the following training must have been undertaken, and an understanding demonstrated using the KnowledgeSmart assessment system:



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RECOMMENDED TRAINING PER ROLE

| ARCHITECTURAL ASSISTANT / JUNIOR TECHNICIAN | ARCHITECT / TECHNICIAN | ASSOCIATE | DIRECTOR |
|---|------------------------|-----------|----------|
| | EVBIM07 | | |
| EVBIM06 | EVBIM06 | EVBIM06 | |
| | EVBIM05 | | |
| | EVBIM04 | | |
| EVBIM03 | EVBIM03 | EVBIM03 | |
| | EVBIM02 | EVBIM02 | EVBIM02 |
| EVBIM01 | EVBIM01 | EVBIM01 | EVBIM01 |

EVBIM01: BIM AWARENESS

prerequisites **None**

duration **1 day**

Either

1. FULL DAY BIM IMPLEMENTATION WORKSHOP

or

1. WHAT IS BIM?
2. ISO 19650 OVERVIEW
3. PAS1192-3 OVERVIEW
4. BS1192-4 OVERVIEW
5. PAS1192-5 OVERVIEW
6. PAS1192-6 OVERVIEW
7. PAS91 PRE-QUALIFICATION QUESTIONNAIRES
8. CIC BIM PROTOCOL OVERVIEW

EVBIM02: BIM ADOPTION

prerequisites **EVBIM01**

1. PROJECT START-UP REQUIREMENTS
2. EXCHANGE INFORMATION REQUIREMENTS
3. BIM EXECUTION PLAN
4. COMMON DATA ENVIRONMENT
5. INFORMATION CONTAINER NAMING
6. BS1192-4 & COBIE
7. PAS1192-5 SECURITY

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8. PAS1192-6 HEALTH & SAFETY
9. BS8536 SOFT LANDINGS OVERVIEW

EVBIM03OBD & EVBIM03R: DIGITAL PRODUCTION LEVEL 1

prerequisites **EVBIM01**

Either OpenBuildings Designer core skills:

1. CONTROLLING 3D SPACE
2. MODELLING #1: WALLS / FLOORS / COLS / BEAMS
3. MODELLING #2: DOORS / WINDOWS
4. MODELLING #3: STAIRS / RAILINGS
5. SPACES
6. DYNAMIC VIEWS
7. SCHEDULING

or Revit core skills:

1. INTERFACE
2. PROJECT COORDINATES
3. VIEW CREATION
4. SELECTION & MANIPULATION
5. VISIBILITY CONTROL
6. MASSING
7. ROOMS & AREAS
8. SCHEDULES
9. WORKSETS
10. WALLS
11. FLOORS, ROOF & CEILINGS
12. STAIRS, RAMPS & RAILINGS
13. COMPONENT USE
14. 2D DRAUGHTING & ANNOTATION
15. DRAWING SHEETS

EVBIM04OBD & EVBIM04R: DIGITAL PRODUCTION LEVEL 2

prerequisites **EVBIM03**

Either OpenBuildings Designer:

1. COMPOUND CELLS
2. PROJECT ITEMS (CATALOGS & PARTS)
3. IFC IMPORT, MODELLING, EXPORT

or Revit:

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1. FAMILY EDITOR
2. IFC IMPORT, MODELLING, EXPORT

EVBIM05OBD & EVBIM05R: PROJECT BIM MANAGEMENT

prerequisites **EVBIM03**

1. UNICLASS 2015
2. MAINTAINING THE BEP & RESPONSIBILITY MATRIX

And either OpenBuildings Designer:

3. PROJECT SETUP
4. CENTRAL WORKSPACE & PROJECT RESOURCES
5. DYNAMIC VIEW TEMPLATES
6. MODEL VALIDATION

or Revit:

3. PROJECT SETUP
4. CENTRAL & PROJECT RESOURCES
5. VIEW TEMPLATES
6. MANAGING PARAMETERS
7. MANAGING STANDARDS
8. MODEL VALIDATION

EVBIM06NW & EVBIM06S: MODEL COORDINATION & VALIDATION

prerequisites **EVBIM03**

or Navisworks:

1. USER INTERFACE
2. MANAGING PROJECTS
3. REVIEW & REDLINING
4. CLASH DETECTION
5. EXPORT & PUBLISH

or Solibri:

1. USER INTERFACE
2. MODEL REVIEW & ANNOTATION
3. DATA INTERROGATION
4. MODEL CHECKING
5. MODEL COMPARISON

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BIM CERTIFIED TRAINING SCHEME

EV BIM07S: ASSET INFORMATION DELIVERY

prerequisites **EV BIM06**

1. ROLES & RULESET MANAGER
2. CLASSIFICATIONS
3. CLASH CHECKS
4. PROPERTY CHECKS
5. INFORMATION TAKE-OFFS
6. COBIE