

by NIGEL DAVIES

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approved DGH

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TRAINING SYLLABUS

BIM CERTIFIED TRAINING SCHEME

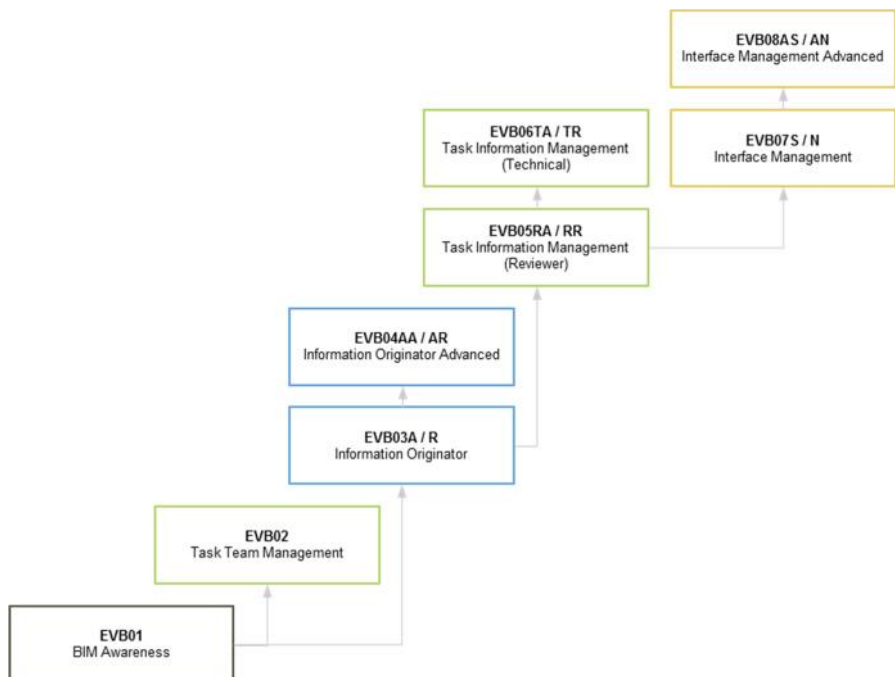
no. of delegates Up to 8 maximum.

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 roles and responsibilities defined in PAS1192-2 and ISO19650.

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
	EVB08		
EVB07	EVB07	EVB07	
	EVB06		
EVB05	EVB05	EVB05	
	EVB04		
EVB03	EVB03	EVB03	
	EVB02	EVB02	EVB02
EVB01	EVB01	EVB01	EVB01

EVB01: BIM AWARENESS

prerequisites **None**

duration **1 day**

learning outcomes

Either

1. FULL DAY BIM IMPLEMENTATION WORKSHOP

1.01-1.09, 2.01-2.09, 3.10

or

1. WHAT IS BIM?

1.01, 1.02, 1.04-1.09, 2.01-2.09

2. BS1192:2007 OVERVIEW

3.01, 3.02, 3.09

3. PAS1192-2:2013 OVERVIEW

3.01-3.05

4. PAS1192-3:2014 OVERVIEW

3.04, 3.07

5. PAS1192-2 EIR

3.04,

6. CIC BIM PROTOCOL OVERVIEW

3.12, 3.13

7. RIBA PLAN OF WORKS OVERVIEW

3.06

EVB02: TASK TEAM MANAGEMENT

prerequisites **EVB01**

1. PROJECT START-UP REQUIREMENTS

2.01, 2.03-2.04, 3.05, 3.09

2. PAS1192-2 BEP

3.05

3. BS1192 CDE

2.04, 3.08

4. BS1192 CONTAINER NAMING

3.02

5. PAS1192 ROLES

3.03

6. BS1192-4 OVERVIEW

3.06

7. PAS1192-5 OVERVIEW

1.09, 2.09, 3.14

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8. (GOVERNMENT) SOFT LANDINGS OVERVIEW 1.03

EVB03A & EVB03R: INFORMATION ORIGINATOR

prerequisites **EVB01**

1. DPSM T1
2. DPSM T2

And either AECOsim Building Designer core skills: 3.09, 3.11

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

or Revit core skills: 3.09, 3.11

5. INTERFACE
6. PROJECT COORDINATES
7. VIEW CREATION
8. SELECTION & MANIPULATION
9. VISIBILITY CONTROL
10. MASSING
11. ROOMS & AREAS
12. SCHEDULES
13. WORKSETS
14. WALLS
15. FLOORS, ROOF & CEILINGS
16. STAIRS, RAMPS & RAILINGS
17. COMPONENT USE
18. 2D DRAUGHTING & ANNOTATION
19. DRAWING SHEETS

EVB04AA & EVB04AR: INFORMATION ORIGINATOR (ADVANCED)

prerequisites **EVB03**

1. PROJECT STANDARDS SET-UP 3.02, 3.05, 3.09, 3.11

And either AECOsim Building Designer: 3.09, 3.11

2. COMPOUND CELLS
3. PROJECT ITEMS (CATALOGS & PARTS)

TRAINING SYLLABUS

BIM CERTIFIED TRAINING SCHEME

- 4. MODEL VALIDATION
- 5. IFC IMPORT, MODELLING, EXPORT
- or Revit: 3.09, 3.11
- 6. SYSTEM FAMILY EDITING
- 7. MODEL VALIDATION
- 8. IFC IMPORT, MODELLING, EXPORT

EVB05RA & EVB05RR: TASK INFORMATION MANAGEMENT (REVIEWER)

prerequisites **EVB03**

- 1. UNICLASS 1.4 / UNICLASS 2015 3.06

And either AECOsim Building Designer:

- 2. MODEL VALIDATION 2.04, 3.02
- 3. PROJECT REVIEW 2.04, 3.02

or Revit:

- 2. MODEL VALIDATION 2.04, 3.02
- 3. PROJECT REVIEW 2.04, 3.02

EVB06TA & EVB06TR: TASK INFORMATION MANAGEMENT (TECHNICAL)

prerequisites **EVB05R**

Either AECOsim administration: 3.02, 3.09, 3.11

- 1. IFC IMPORT, MODELLING, EXPORT
- 2. ABD CONFIGURATION
- 3. CENTRAL WORKSPACE AND PROJECT RESOURCES
- 4. DYNAMIC VIEW TEMPLATES & ATTRIBUTES
- 5. SECTION SIZES
- 6. CREATING PARAMETRIC CONTENT

or Revit administration: 3.02, 3.09, 3.11

- 1. IFC IMPORT, MODELLING, EXPORT
- 2. REVIT CONFIGURATION
- 3. CENTRAL AND PROJECT RESOURCES
- 4. MANAGING STANDARDS
- 5. PARAMETERS
- 6. VIEW TEMPLATES
- 7. FAMILY EDITOR

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EVB07AN, EVB07BN & EVB07S: INTERFACE MANAGEMENT

prerequisites **EVB05**

Either Navigator: 3.02-3.03, 3.06, 3.11

1. USER INTERFACE
2. MANAGING PROJECTS
3. MARK-UPS
4. CLASH DETECTION

or Navisworks: 3.02-3.03, 3.06, 3.11

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

or Solibri: 3.02-3.03, 3.06-3.07, 3.11

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

EVB08AAN, EVB08ABN & EVB08AS: INTERFACE MANAGEMENT (ADVANCED)

prerequisites **EVB06**

Either Navigator 3.02-3.03, 3.06, 3.11

1. RENDERING & ANIMATION
2. SCHEDULE SIMULATION (4D BIM)
3. QUANTIFICATION (5D BIM)

or Navisworks: 3.02-3.03, 3.06, 3.11

1. RENDERING & ANIMATION
2. SEQUENCING / TIMELINER (4D BIM)
3. QUANTIFICATION (5D BIM)

or Solibri: 3.02-3.03, 3.06-3.07, 3.11

1. COBIE
2. RULESET MANAGER