BIMcert: Delivering Innovative Beyond Blended BIM Skills for Industry

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### BIMcert Overview

- **Construction skills**
- **Energy efficiency**
- **Regulating supply chains**
- **Tackling climate change**

### BIMcert Strategic Direction

*Embedding BIM skills within construction, targeting the entire design chain, material life cycles, energy production/consumption and sustainability*

- Industry Advisory Panel (IAP)
- Technical Advisory Panel (TAP)
- Core Application Partners (CAP)
BIMcert Overview

Modules are adaptable to each learners needs and career pathways
Learners can pick the micro accreditations that suit them

Allow learner to gain skills required for their own professional needs, combine them to obtain either pre-established qualification or an unique “BIM Passport” skillset recognised via BIMcert

BIMcert Methodology

Several micro accreditations (covering specific knowledge and skills)

Flexibility to build your own personalised skillset

Not a linear progression
Bite sized micro accreditation
BIMcert Overview

- Learner accesses the BIMCert portal.
- **Stride 1:** option A: Learner takes BIM Ready plus online assessment; successful entry grants access to Stride 2.
- **Stride 1 Option B:** Learner directly takes online assessment; successful entry automatically grants entry to Stride 2. Final Unit of BIM Ready assists the learner in the selection of the next module. Appropriate to their needs / roles.

- **Stride 2A:** Learner selects a stand alone Unit aimed at BIM novices.
- **Stride 2B:** Learner selects a stand alone Unit aimed at those professionals with a deeper BIM knowledge.
- **Stride 2C:** Learner selects a course (c) which contains a number of units. Successful completion of relevant units will enable learners access to advanced modules.
- **Stride 3:** Specialist modules to be developed

BIMcert Curriculum

- **Stride 1:**
  - BIM Ready
  - BIM Principles
  - Digital Skills
  - Online assessment move to stride 2

- **Stride 2A:**
  - Intro to BIM Fundamentals
  - 3D BIM Modelling Intro
  - 3D BIM Parametric Objects

- **Stride 2B:**
  - Digital Collaboration in Construction
  - Information Management for Digital Construction
  - Quantification using BIM Tools
  - Data Interoperability for Digital Construction

- **Stride 2C:**
  - Intro to Low BIM & Energy Efficiency
  - Advanced BIM & Energy Efficiency
  - BIM for Retrofit
  - BIM for Contractors
  - BIM for Facilities Management

- **Stride 3:**
  - BIM for Clients
  - BIM Data Site Management
  - BIM for Manufacturers & Prefabrication
  - BIM for Visualisations
  - BIM Compliance, verification & Blicycle
  - Visual Programming for Digital Const.
  - Lean BIM
  - VR and AR for Digital Construction