



Yr12 + Yr13

Univesity **HNC/BSc Higher Apprenticeship AEC** Industries

Dec



**u6** L02: **Communicate outcomes** from professional perspectives







**u5** L02:

u5 L03: Understand cost analysis & financial control / Create budget for complete building project

u4 L02:

**u**4 L03: Use BIM techniques to develop structural elements of a project start>



u6 L01: Be able to make objective comparisons between construction methods

u5L01: Use BIM techniques to support the operational management of a building u4 LO1: Use BIM techniques to develop the design

**u3** L03: ather/analyse info &make choices on appropriate technologies to use

**u3** L02: Gather info about structural materials & compare their properties







**u2** L01: Prepare a design brief & take steps to appoint effective design team

**u2** L02: Use BIM techniques for concept design

**u2** L03: Prepare info & resources needed to support a planning application

**u3** L01: Gather & analyse info to develop the design

u1 L03:

Define pre-design site

information required

**u1** L02:

Set standards for

sustainability

**u1** L01: Research & convey the project remit

**u3** L01: Precedent studies

START!

UNIT 1 **DEFINING** a sustainable construction project

UNIT 2 DEVELOPING a sustainable construction project

UNIT 3 **INVESTIGATE** DESIGN, STRUCTURAL & SERVICES ASPECTS

UNIT 4 DELIVER DESIGN, STRUCTURAL & SERVICES ASPECTS

UNIT 5 LIFECYCLE & FINANCIAL PLANNING a sustainable construction project

UNIT 6 **EVALUATING &** DOCUMENTING a sustainable construction project

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