

## Higher National Unit Specification

### General information for centres

**Unit title:** Interior Design: Design Details and Construction Techniques

**Unit code:** DX02 34

**Unit purpose:** The purpose of this Unit is to enable candidates to develop an understanding of the principles of methods of building and interior construction. Candidates will be introduced to a variety of construction techniques and their applications and will analyse and evaluate examples of detailed design.

On completion of the Unit the candidate should be able to:

- 1 Understand building and interior construction methods.
- 2 Observe and analyse design details and construction.
- 3 Produce detailed design drawings in response to a given brief.

**Credit points and level:** 1 HN Credit at SCQF level 7: (8 SCQF credit points at SCQF level 7\*).

*\*SCQF credit points are used to allocate credit to qualifications in the Scottish Credit and Qualifications Framework (SCQF). Each qualification in the Framework is allocated a number of SCQF credit points at an SCQF level. There are 12 SCQF levels, ranging from Access 1 to Doctorates.*

### Recommended prior knowledge and skills:

**Core Skills:** There are opportunities to develop the Core Skills of Problem Solving, Numeracy and Information Technology at SCQF level 6 in this Unit, although there is no automatic certification of Core Skills or Core Skills components.

**Context for delivery:** If this Unit is delivered as part of a Group Award, it is recommended that it should be taught and assessed within the subject area of the Group Award to which it contributes.

**Assessment:** Assessment of Outcome 1 is likely to be distinct from Assessment of Outcomes 2 and 3 — however the knowledge and skills gained through completion of this Outcome should be seen to feed directly into Outcomes 2 and 3.

Outcomes 2 and 3 could be assessed as separate submissions, or alternatively Outcome 2 could form the basis of the research for design development and detailed design drawings required in Outcome 3.

## **Higher National Unit specification: statement of standards**

**Unit title:** Interior Design: Design Details and Construction Techniques

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The sections of the Unit stating the Outcomes, knowledge and/or skills, and evidence requirements are mandatory.

Where evidence for Outcomes is assessed on a sample basis, the whole of the content listed in the knowledge and/or skills section must be taught and available for assessment. Candidates should not know in advance the items on which they will be assessed and different items should be sampled on each assessment occasion.

### **Outcome 1**

Understand building and interior construction methods

#### **Knowledge and/or skills**

- ◆ Research skills
- ◆ Fundamental structural principles
- ◆ Performance requirements of building elements
- ◆ Construction materials — properties and application
- ◆ 2D and 3D visualisation skills

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can:

- ◆ identify building and interior construction methods and associated components, materials and finishes
- ◆ understand the principles underpinning a variety of building and interior construction methods

Evidence should be generated in the form of an illustrated report or presentation containing a minimum of 500 words or equivalent; or an oral/written response to specific questions supported by a sketchbook.

#### **Assessment guidelines**

Assessment of this Outcome is likely to be distinct from assessment of Outcomes 2 and 3.

## **Higher National Unit specification: statement of standards (cont)**

**Unit title:** Interior Design: Design Details and Construction Techniques

### **Outcome 2**

Observe and analyse design details and construction

#### **Knowledge and/or skills**

- ◆ Structural principles
- ◆ Materials and finishes
- ◆ Aesthetics and function
- ◆ Observational skills
- ◆ 2D and 3D visualisation skills
- ◆ Freehand drawing skills

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can:

- ◆ observe and analyse examples of design details in the form of one case study
- ◆ describe the structural principles
- ◆ describe materials and finishes used
- ◆ analyse critical details with regard to aesthetics and function

Evidence should be generated in the form of a sketchbook incorporating a detailed design case study. Sketchbooks must contain images, 2D and 3D freehand and/or technical drawings clearly annotated to demonstrate compliance with all items listed above.

#### **Assessment guidelines**

The assessment of this Outcome can be combined with Outcome 3, as part of a single assessment for these two Outcomes. Alternatively, this Outcome could be individually assessed.

### **Outcome 3**

Produce detailed design drawings in response to a given brief

#### **Knowledge and/or skills**

- ◆ Creative problem solving
- ◆ Design development skills
- ◆ Application of the design process
- ◆ Freehand drawing
- ◆ Technical drawing

## **Higher National Unit specification: statement of standards (cont)**

**Unit title:** Interior Design: Design Details and Construction Techniques

### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can:

- ◆ produce a design solution
- ◆ specify structure, materials and finishes
- ◆ illustrate critical design details

Evidence should be generated in the form of sketchbook submission containing clear design developments and selected research material. Candidates must also produce detailed design drawings 3 x A3 pages, clearly annotated to demonstrate compliance with all items listed above.

### **Assessment guidelines**

The assessment of this Outcome can be combined with the case study carried out in Outcome 2. Alternatively, this Outcome could be individually assessed.

## Administrative Information

<b>Unit code:</b>	DX02 34
<b>Unit title:</b>	Interior Design: Design Details and Construction Techniques
<b>Superclass category:</b>	TJ
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<b>Version:</b>	01

### History of Changes:

Version	Description of change	Date

**Source:** SQA

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## **Higher National Unit specification: support notes**

### **Unit title:** Interior Design: Design Details and Construction Techniques

This part of the Unit specification is offered as guidance. The support notes are not mandatory.

While the exact time allocated to this Unit is at the discretion of the centre, the notional design length is 40 hours.

### **Guidance on the content and context for this Unit**

The Unit is designed for candidates with limited or no prior knowledge of construction. It should be recognised that building construction is a vast subject and candidates embarking on the study of interior design must ultimately develop sound knowledge and skills in this area.

The unit is not intended to provide specialist expertise at this stage. It is expected that more detailed study would follow.

At this introductory level the content of the unit should be tailored to:

- ◆ provide a broad understanding of building and construction
- ◆ raise the candidate's awareness and interest in the design, construction and detailing of interior elements
- ◆ inspire and inform the candidate with regard to design detail possibilities both aesthetically and functionally

With regard to context:

- ◆ it is important that the candidate fully understands the relationship between design and construction
- ◆ the candidate should begin to understand the role of the interior designer within the realm of industry

### **Guidance on the delivery and assessment of this Unit**

Appropriate units within the framework with a design, drawing or technical focus could successfully link with the contents of this Unit to enhance the learning experience and to reinforce the application of knowledge and skills gained through completion of the Unit.

#### **Outcome 1**

All written assessments should be word processed, illustrated and clearly annotated.

External site visits would be appropriate. Practical group tasks may also be set, encouraging active discussion and team work.

Participation in group tasks may form part of the assessment strategy with evidence requirements observed by the tutor and recorded in the form of a checklist.

## **Higher National Unit specification: support notes**

**Unit title:** Interior Design: Design Details and Construction Techniques

### **Outcome 2**

Case studies of design details could be selected by either tutor or candidate. It is likely that the focus would be on interior detailing and could in some cases be linked to other Units and projects. It may be appropriate for the tutor to prepare and present a sample case study. External visits would definitely be appropriate. It is important to raise awareness to elements of design detail which surround us on a daily basis.

Tutors should ensure that the sketchbook submission is not merely a 'scrapbook' of images and drawings with no cohesive pattern of analysis. It is likely that tutors would also be required to monitor progress of these sketchbooks during class time and assess oral responses to appropriate questions. Compliance with evidence requirements could be recorded in the form of a checklist.

### **Outcome 3**

Briefing for this Outcome may be delivered by way of a presentation, which may be an extension to or integrated with current Interior Design project. This will reinforce the relevance of this unit within the qualification framework. Tutoring may be carried out on a one to one and/or small group basis, where individual design detail projects can be discussed and developed. Candidates may be introduced to a variety of design detail development sketches and finished drawings.

Practical group/team tasks may again be set, encouraging active discussion and team work and resulting in a creative and collaborative approach.

### ***Opportunities for developing Core Skills***

The core skill of Problem Solving, that is, planning and organising, critical thinking, and reviewing and evaluating, will be naturally developed and enhanced in the unit, which requires an application of theoretical knowledge to a practical task. Candidates study a variety of recognised construction techniques and research associated components, materials and finishes. Identifying and examining appropriate techniques while considering the necessary resources and services required will involve a high level of critical thinking. Group discussion of issues may be useful although candidates should be independently able to compile case studies and identify effective design solutions. Developing detailed design drawings to a remit should include on going review and modification to allow candidates to demonstrate sophisticated creative design solutions. Individual and group discussions with the assessor to reinforce analytical evaluation of proposed solutions could enhance problem solving skills.

Accuracy in interpreting complex numerical and graphic information and the ability to calculate, apply and present complex data underpins the competencies developed in the unit. Candidates could be provided with formative opportunities to enhance skills in the interpretation of numerical, statistical and graphic data in practical contexts. The accurate and effective presentation of data could be supported and enhanced by the use of appropriate technology and relevant software. The emphasis of formative work should be on Numeracy as a tool to be used and applied efficiently and critically in design solutions.

## **Higher National Unit specification: support notes**

**Unit title:** Interior Design: Design Details and Construction Techniques

### **Open learning**

The practical nature of parts of this Unit makes it difficult to deliver as open learning. However it may be possible for candidates to access source information and complete written work electronically.

### **Candidates with disabilities and/or additional support needs**

The additional support needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments or considering alternative Outcomes for Units. For information on these, please refer to the SQA document *Guidance on Alternative Assessment Arrangements for Candidates with Disabilities and/or Additional Support Needs*, which is available on SQA's website: [www.sqa.org.uk](http://www.sqa.org.uk).



## **General information for candidates**

### **Unit title:** Interior Design: Design Details and Construction Techniques

As an Interior Designer it is vital that you develop the knowledge and skills required to enable your projects to be realised.

This Unit will introduce you to the underlying principles behind building and interior construction methods and develop your skills in design detailing.

In this Unit you will:

- ◆ study a variety of recognised construction techniques, associated components, materials and finishes
- ◆ analyse examples of design detail, leading to the compilation of case studies
- ◆ develop and produce detailed design drawings in response to a given brief

You will be encouraged to develop observational, research and 3D visualisation skills. You will use a variety of illustrative techniques to express your thoughts and ideas. You will work independently and may work as part of a group, where you will be expected to participate in discussion, debate and problem solving.