

## Higher National Unit Specification

### General information for centres

**Unit title:** Model Making: Exhibition Project

**Unit code:** FOMP 35

**Unit purpose:** This Unit is designed to enable candidates to develop as designer-makers in the area of model making for exhibition purposes. Candidates will develop the specific knowledge and skills relating to the process of designing and making a model for exhibition.

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

- 1 Describe model making in an exhibition context.
- 2 Interpret a given brief.
- 3 Develop potential options.
- 4 Present the design solution.
- 5 Produce a production plan.
- 6 Produce an exhibition model.

**Credit points and level:** 2 HN Credits at SCQF level 8: (16 SCQF credit points at SCQF level 8\*)

*\*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:** Access to this Unit will be at the discretion of the centre. However, it is recommended that candidates have a good understanding of model making materials, processes and terminologies. This could be demonstrated by possession of HNC/D Units in model making or other equivalent qualifications or experience.

**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:** This Unit could be assessed by three or four instruments of assessment.

Outcome 1 assesses model making in an exhibition context. Evidence could be presented in an illustrated research document giving an overview of the subject area. This could be in sketchbook format with annotations.

## **General information for centres (cont)**

Outcomes 2, 3 and 4 assess the interpretation of a project brief along with options and solutions. Evidence should consist of sketchbook work and presented client visuals.

Outcome 5 is assessed by a production plan. This assessment may be integrated with Outcomes 2–4.

The assessment for Outcome 6 is product based with candidates producing an exhibition model.

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

**Unit title:** Model Making: Exhibition Project

**Unit code:** F0MP 35

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**

Describe model making in an exhibition context

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

- ◆ Function
- ◆ Location and scale
- ◆ Style and compatibility
- ◆ Transport and on-site work
- ◆ Durability and maintenance

#### **Evidence Requirements**

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

- ◆ identify the function of exhibition models/installations
- ◆ explain factors affecting the location and scale of an exhibition model
- ◆ consider the style and compatibility of a model as an integrated part of an exhibition or venue
- ◆ detail the factors affecting transport and on-site work
- ◆ detail the factors affecting the durability and maintenance of an exhibition model

Evidence should be presented in an annotated sketchbook/folio. The sketchbook may be electronic and should include referenced visuals. Alternatively the evidence could take the form of an oral presentation with accompanying visual material.

#### **Assessment guidelines**

The assessment of this Outcome can stand alone. An observation checklist may be used to ensure the candidate has addressed all the Evidence Requirements.

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

**Unit title:** Model Making: Exhibition Project

### **Outcome 2**

Interpret a given brief

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

- ◆ Interpretation
- ◆ Evaluation

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can, in response to a given exhibition project brief:

- ◆ identify the parameters of the brief
- ◆ evaluate the requirements of the brief
- ◆ select a scale within the context of the brief
- ◆ determine the style and form within the context of the brief

Evidence should be presented as short written presentation in an annotated sketchbook/folio. Alternatively evidence could take the form of an oral and visual presentation.

#### **Assessment guidelines**

The assessment of this Outcome can be stand alone or be combined with Outcomes 3 and 4. The sketchbook may be electronic and include referenced visuals. An observation checklist may be used to ensure the candidate has addressed all the Evidence Requirements.

### **Outcome 3**

Develop potential options

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

- ◆ Research
- ◆ Exploration
- ◆ Presentation

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by developing options for an exhibition project brief showing that they can:

- ◆ research areas within the brief's parameters
- ◆ explore solutions
- ◆ produce client visuals

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

### **Unit title:** Model Making: Exhibition Project

Evidence should be presented as a sketchbook/folio of research evidence and initial concepts, plus a minimum of 3 x A3 presentation boards of annotated images. These should explore a minimum of two options.

#### **Assessment guidelines**

The assessment of this Outcome can be stand alone or be combined with Outcome 2 and 4. Candidates may present work in a larger format. An observational checklist may be used to ensure the candidate has covered all the Evidence Requirements.

### **Outcome 4**

Present the design solution

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

- ◆ Evaluation
- ◆ Presentation techniques
- ◆ Communication techniques

#### **Evidence Requirements**

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

- ◆ evaluate developed options to select a design solution in a minimum of 200 words
- ◆ produce a set of client visuals that convey, in images, the design solution
- ◆ annotate client visuals to clarify and explain the proposal

A minimum of 1 x A2 presentation board of annotated images should be presented to articulate the design solution.

#### **Assessment guidelines**

The assessment of this Outcome can stand alone or be combined with Outcomes 2 and 3 An observation checklist may be used to ensure the candidate has addressed all the Evidence Requirements. Candidates may present work on a larger format. Candidates could make a verbal presentation to the Tutor and peer group. A minimum of 200 words for the evaluation of developed options to select a design option.

### **Outcome 5**

Produce a production plan

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

- ◆ Working drawings
- ◆ Planning
- ◆ Production schedule

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

**Unit title:** Model Making: Exhibition Project

### **Evidence Requirements**

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

- ◆ develop working drawings for the production of the exhibition model
- ◆ produce a schedule detailing all stages of production

Evidence should be presented as annotated visuals included in a sketchbook/folio. A detailed production schedule must be produced.

### **Assessment guidelines**

The assessment of this Outcome may stand alone. Much of the production plan may have been clearly outlined in the previous 3 Outcomes therefore assessment may be integrated.

## **Outcome 6**

Produce an exhibition model

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

- ◆ Equipment and materials
- ◆ Production techniques
- ◆ Finishing techniques
- ◆ Workshop/studio practice

### **Evidence Requirements**

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

- ◆ select and prepare equipment and materials
- ◆ implement the production plan
- ◆ apply finishes accurately as specified in the production plan
- ◆ demonstrate safe use of materials and equipment

Candidates must produce and present a 3D exhibition model. The model must be constructed and finished to previously specified production standards.

### **Assessment guidelines**

This assessment should be carried out after all other Outcomes have been satisfactorily assessed. The model should accurately reflect the brief and the criteria presented in Outcomes 2 to 5. An observation checklist may be used to ensure the candidate has addressed all the knowledge and/or skills requirements. Safe use of materials and equipment should be assessed under supervised candidates.

## Administrative Information

**Unit code:** F0MP 35  
**Unit title:** Model Making: Exhibition Project  
**Superclass category:** VF  
**Original date of publication:** August 2007  
**Version:** 01

### History of Changes:

Version	Description of change	Date

**Source:** SQA

© Scottish Qualifications Authority 2007

This publication may be reproduced in whole or in part for educational purposes provided that no profit is derived from reproduction and that, if reproduced in part, the source is acknowledged.

SQA acknowledges the valuable contribution that Scotland's colleges have made to the development of Higher National qualifications.

Additional copies of this Unit specification can be purchased from the Scottish Qualifications Authority. Please contact the Customer Contact Centre for further details, telephone 0845 279 1000.

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

### **Unit title: Model Making: Exhibition Project**

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 80 hours.

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

This Unit has been developed to reflect the increased design input required of the model maker in areas of promotional design.

With a wide experience of materials and techniques at their disposal, the model maker is uniquely placed to make instant design decisions. It is this combination of 3D design ability and practical model making production skills that can be of great value, especially when a project has a tight time-scale. In many cases the model maker may have to work with a very rough brief. They will be required to interpret the brief and develop ideas and options to provide a clearer base from which to proceed.

A wide and sympathetic understanding of the design industries serviced by model makers is a key factor in communicating with the client. The model maker must be able to negotiate with all relevant parties in addition to demonstrating their practical problem solving skills.

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

This Unit has been developed as part of the HND 3D Design Group Award. It is recommended that it should be taught and assessed within the subject area of the Group Award to which it contributes.

Opportunities may be taken to link or integrate with other aspects of the course and a thematic approach adopted for both delivery and assessment.

This Unit should be delivered to candidates once they have had the opportunity to develop an understanding of the range of tools, equipment, materials and techniques available to them within their own specialist area. This should be a project based Unit and the candidate should be required to work independently when researching ideas and developing solutions.

Lectures with exemplars and class discussion, along with appropriate visits should be used to provide a stimulating visual launch to this project-based Unit. Ongoing discussion and Tutorials should be utilised to give candidates the chance to justify and explain the development of their work.

There may be an opportunity to collaborate with a real or simulated client in this project providing the Evidence Requirements can be maintained.



## Higher National Unit specification: support notes (cont)

**Unit title:** Model Making: Exhibition Project

### *Opportunities for developing Core Skills*

All elements of the Core Skill of Problem Solving, that is, planning and organising, critical thinking, and reviewing and evaluating, would be naturally developed and enhanced as candidates undertake the practical work for the Unit. Working to a brief, they are required to analyse and seek solutions to a range of theoretical and practical issues as they interpret requirements for an exhibition project and devise a range of potential creative solutions. Understanding and acknowledging legislative and health and safety issues and constraints, and working within limitations of resources and timescales will develop understanding of practical problem solving in industry practice. Identifying and implementing creative design solutions will involve the interpretation and application of knowledge and give on-going opportunities for review and modification. Candidates may benefit from personal interviews with the assessor to reinforce analytical and evaluative approaches to working practice.

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 practical contexts. The emphasis of formative work should be on Numeracy as a tool to be used and applied efficiently and critically in modular design contexts. Candidates should be expected to work at a professional standard and need to be aware of how to research current industry trends. Resources available should include appropriate software packages to support the effective and accurate presentation of information. Formative opportunities to create designs and models from different types of data with appropriate models of presentation styles may be useful.

Assessor guidance in the interpretation and application of graphical concepts should be available as necessary.

### **Open learning**

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

For further information and advice please refer to the SQA document *Assessment and Quality Assurance for Open and Distance Learning* which is available on SQA's website: [www.sqa.org.uk](http://www.sqa.org.uk).

### **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. Further advice can be found in the SQA document *Guidance on Assessment Arrangements for Candidates with Disabilities and/or Additional Support Needs* ([www.sqa.org.uk](http://www.sqa.org.uk)).

## General information for candidates

### Unit title: Model Making: Exhibition Project

This Unit will introduce you to the increased design input required of the model maker in a variety of areas of exhibition design work.

For **Outcome 1** you will describe factors affecting the use of model making in an exhibition context. You will identify the function of exhibition models/installations looking at location and scale and consider the factors that affect ways of working in this context.

In **Outcome 2** you will show that you can correctly interpret a design brief for an exhibition project.

In **Outcome 3** you will research ideas and develop potential options and concepts that meet the needs of the brief, taking into account all the factors you identified earlier.

In **Outcomes 4 and 5** you will develop a design solution and produce drawing or visuals of the proposed exhibition model and a detailed and accurate production plan.

In **Outcome 6** you will produce an exhibition model that fully meets the requirements of the brief.