

National Unit Specification: general information

UNIT Design Realisation (Intermediate 2)

NUMBER D9GF 11

COURSE

SUMMARY

This unit is designed to enable candidates to engage with the design process. By working from a chosen brief, the candidate will work through initial ideas, develop design concepts through to developing and refining the design concept.

OUTCOMES

1. Investigate design ideas related to a selected brief.
2. Develop design concepts from the investigative stage.
3. Develop and refine the design concept.

RECOMMENDED ENTRY

Access is at the discretion of the centre.

CREDIT VALUE

1 Credit at Intermediate 2 (6 SCOTCAT points*) at SCQF level 5.

**SCOTCAT 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 SCOTCAT points at an SCQF level. There are 12 SCQF levels, ranging from Access 1 to Doctorates.*

Administrative Information

Superclass: VF

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National Unit Specification: general information (cont)

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CORE SKILLS

Information on the automatic certification of any core skills in this unit is published in *Automatic Certification of Core Skills in National Qualifications* (SQA, publication code BA0906).

National Unit Specification: statement of standards

UNIT Design Realisation (Intermediate 2)

Acceptable performance in this unit will be the satisfactory achievement of the standards set out in this part of the unit specification. All sections of the statement of standards are mandatory and cannot be altered without reference to the Scottish Qualifications Authority.

OUTCOME 1

Investigate design ideas related to a selected brief.

Performance criteria

- a) Identify a discreet area of design relating to the brief.
- b) Research existing market solutions relating to chosen design area.
- c) Explore initial design possibilities relating to the problem set by the brief.
- d) Consider other historical, contemporary and social influences in relation to the brief.

Evidence requirements

Practical evidence of a minimum of 3 sheets containing design possibilities and related written and/or oral evidence of 150/200 words presented in any preferred format.

OUTCOME 2

Develop design concepts from the investigative stage.

Performance criteria

- a) Design possibilities are analysed for development to meet the requirements of the brief.
- b) Suitable media and materials are explored.
- c) An individual concept is selected for further development and refinement.

Evidence requirements

Practical evidence of between 2 to 4 sheets or 3D equivalent. At least 2 concepts should be evident with **one** concept selected for development.

OUTCOME 3

Develop and refine the design concept.

Performance criteria

- a) Rationale for selection of a particular design solution is evident.
- b) Proposed design solution meets most of the needs of the brief.
- c) Design refinement is undertaken.
- d) Selected design solution is fully explored in relation to the brief.

National Unit Specification: statement of standards (cont)

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Evidence requirements

Evidence should be presented in any preferred format of design development to include annotations (150/200 words) and related sketches. The design selected should show a personal response and a clear rationale.

National Unit Specification: support notes

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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 aim of this unit is to encourage the candidate to understand the design process. Areas of design which could form the basis of study are at the discretion of the centre and therefore could be either 2 or 3 dimensional in nature ie graphics, interiors, fashion, jewellery, product, etc. The process follows research and production of initial concepts; the development of a chosen concept; the identification of materials and processes involved in the production of the design.

Outcome 1

Based on a chosen brief, the candidate should identify a specific area within a design specialism that they will follow through to a design solution, for example, packaging within graphic design, body adornment within jewellery, childrens' wear within fashion design, light fittings within interior design and so forth. The brief may be taken from the work undertaken in the Unit *Design in Context*. Written notes should be made to identify the key areas of the brief that require investigation.

Initial design ideas should be explored in an annotated sketchbook/workbook or in sheet form, where appropriate, showing examples of visual research as well as written notes. The candidate should indicate that relationships are being identified between the chosen design area and its contextual issues, for example, if a piece of jewellery were to be designed in the style of Art Nouveau, the candidate should identify what was happening during that period to influence the style, or if a poster were to be designed showing influences of the sixties, issues relating to that period should be investigated. Evidence gathered in the form of research, can be taken from books, newspapers, exhibitions, the internet, magazines, journals, tutor notes and so forth. A variety of concepts should be investigated.

The target market should be identified ie people; gender; age; economic implications and that these are appropriate to the chosen area of design.

Outcome 2

From the possibilities produced in Outcome 1, the candidate should analyse which of their ideas could be further developed, to produce a design solution. Developmental concepts and ideas could be produced in any suitable media including mixed media, drawing – technical or freehand, fabric, wire etc. These could be in a sketchbook/workbook format or in sheet format as part of a portfolio. Emphasis should be on exploring the possibilities of a chosen concept. By the end of this outcome, the candidate should identified one particular concept that they wish to further develop towards a final design idea, indicating that the idea being explored is appropriate to the brief.

Outcome 3

Notes supporting the visual evidence should be made, identifying why the candidate has selected a particular design concept for development. These notes should be made in either the sketchbook/workbook or on the A2 sheet or any other preferred format.

National Unit Specification: support notes (cont)

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Once an idea has been identified and justified, further refinement of the design, in terms of its detail should be undertaken. This refinement may take the form of further drawings and sketches, use of digital equipment etc.

The candidate should clearly demonstrate through written notes in their workbook/sketchbook or in sheet format, that they understand the potential market for their design ie the identified target market, in relation to the brief.

Candidates completing this Unit will be working towards aspects of the following Creative and Cultural Skills National Occupational Standards.

Design: DES5 Follow a design process

Design: DES10 Create visual designs

Design: DES11 Provide written information in relation to your design work

Design: DES14 Explore the history and social impact of creativity and how it can influence your own design work

Design: DES37 Originate and develop concepts for products or services

Craft: CR5 Create a design brief for craft

Craft: CR9 Produce a drawing or sketch, working stages or roughs, sample, model or prototype of craft

GUIDANCE ON LEARNING AND TEACHING APPROACHES FOR THIS UNIT

The tutor should encourage the candidates to carry out a relevant and substantial body of initial research that will allow for a range of possible design concepts to be developed. Enquiry should be encouraged through the recording of visual information with supporting written annotation. Where possible the use of workbooks or sketchbooks should be encouraged to record written and sketch proposal information, along with developmental drawings. However A2 sheets may be more appropriate and should be considered. By producing maquettes, mock ups or samples of their developmental designs, the candidate will investigate the use and properties of materials.

Where possible, tutors should show candidates examples of finished design work and encourage discussion as to the materials used; fitness for purpose; target market etc.

The unit's activities could be centered on a set of assignments set by the tutor. However, the candidate should be encouraged to show evidence that they have played a directive part in determining the design concepts which lead to a solution to the brief.

GUIDANCE ON APPROACHES TO ASSESSMENT FOR THIS UNIT

Outcome 1

PCs (a), (b) – Written and/or oral evidence identifying a chosen area of design and existing market solutions.

PC (c) – Practical assignment to explore initial design possibilities in relation to the brief.

PC (d) – Annotated examples of visual research.

Outcome 2

National Unit Specification: support notes (cont)

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PCs (a), (b) – Practical assignment to produce initial concepts and studies, using appropriate media.

PC (c) – Practical exercise to select one concept which will be used for further development towards a final design solution.

Outcome 3

PCs (a), (b) – Annotated visuals which identifies the reasons for selection of a particular concept in relation to the brief.

PC (c) – Practical exercise to produce refined design idea.

PC (d) – Written evidence to identify that the final design solutions is appropriate in relation to the brief, indicating a personal response.

National Unit Specification: support notes (cont)

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SPECIAL NEEDS

This unit specification is intended to ensure that there are no artificial barriers to learning or assessment. Special needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments or considering special alternative outcomes for units. For information on these, please refer to the SQA document *Guidance on Special Assessment Arrangements* (SQA, publication code AA0645).