

NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION

GENERAL INFORMATION

-Module Number-	8150073	-Session-1993-94
-Superclass-	VF	
-Title-	DESIGN IN ACTION 2	

-DESCRIPTION-

GENERAL COMPETENCE FOR UNIT: Investigating and selecting exploitation and marketing possibilities, design constraints and standards of a design solution.

OUTCOMES

1. investigate the commercial exploitation of a design solution;
2. investigate marketing possibilities;
3. explain constraints and opportunities in a design solution;
4. identify standards and codes of practice.

CREDIT VALUE: 1 NC Credit

ACCESS STATEMENT: Previous experience and/or National Certificate Modules 8150013 Design in Context 2, 8150043 Design Realisation 2 or Standard Grade Award 3/4 in subjects relating to chosen area or any similar qualification.

For further information contact: Committee and Administration Unit, SQA, Hanover House, 24 Douglas Street, Glasgow G2 7NQ.

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NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION**STATEMENT OF STANDARDS****UNIT NUMBER:** 8150073**UNIT TITLE:** DESIGN IN ACTION 2

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

OUTCOME

1. INVESTIGATE THE COMMERCIAL EXPLOITATION OF A DESIGN SOLUTION

PERFORMANCE CRITERIA

- (a) Methods identified for exploiting design solutions are appropriate for a particular design area and are comprehensive.
- (b) Method selected for exploiting a particular design solution is justified in terms of effectiveness.

RANGE STATEMENT

Design solution: a discrete area in which prior development has taken place.

EVIDENCE REQUIREMENTS

Identification of commercial exploitation methods and justification of a method for a particular solution.

OUTCOME

2. INVESTIGATE MARKETING POSSIBILITIES

PERFORMANCE CRITERIA

- (a) Methods identified for marketing design solutions are appropriate for a particular design area and are comprehensive.
- (b) Method selected for exploiting a particular design solution is justified in terms of effectiveness.

RANGE STATEMENT

The range for this outcome is fully expressed within the performance criteria.

EVIDENCE REQUIREMENTS

Identification of marketing possibilities and justification of a solution for a particular area.

OUTCOME

3. EXPLAIN CONSTRAINTS AND OPPORTUNITIES IN A DESIGN SOLUTION

PERFORMANCE CRITERIA

- (a) Explanation of constraints and opportunities on design solutions presented by materials and methods of production is accurate.
- (b) Explanation of constraints and opportunities presented by materials and methods of production on a particular design area or product is accurate.

RANGE STATEMENT

Design solution: a discrete area in which prior development has taken place.

EVIDENCE REQUIREMENTS

Explanation of general constraints and opportunities relative to methods of production and materials together with reference to a particular design area or product.

OUTCOME

4. IDENTIFY STANDARDS AND CODES OF PRACTICE

PERFORMANCE CRITERIA

- (a) Explanation of the general effects of the application of standards and codes of practice on the work of designers is accurate.
- (b) Identification of standards and codes of practice which apply to a particular design area or product is comprehensive.

RANGE STATEMENT

The range for this outcome is fully expressed within the performance criteria.

EVIDENCE REQUIREMENTS

Explanation of general standards and codes of practice together with reference to a particular design area or product.

ASSESSMENT RECORDS

In order to achieve this unit, candidates are required to present sufficient evidence that they have met all the performance criteria for each outcome within the range specified. Details of these requirements are given for each outcome. The assessment instruments used should follow the general guidance offered by the SQA assessment model and an integrative approach to assessment is encouraged. (See references at the end of support notes).

Accurate records should be made of assessment instruments used showing how evidence is generated for each outcome and giving marking schemes and/or checklists, etc. Records of candidates' achievements should be kept. These records will be available for external verification.

SPECIAL NEEDS

In certain cases, modified outcomes and range statements can be proposed for certification. See references at end of Support Notes.

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NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION**SUPPORT NOTES****UNIT NUMBER** 8150073**UNIT TITLE** DESIGN IN ACTION 2

SUPPORT NOTES: This part of the unit specification is offered as guidance. None of the sections of the support notes is mandatory.

NOTIONAL DESIGN LENGTH: SQA allocates a notional design length to a unit on the basis of time estimated for achievement of the stated standards by a candidate whose starting point is as described in the access statement. The notional design length for this unit is 40 hours. The use of notional design length for programme design and timetabling is advisory only.

PURPOSE This module will introduce the candidate to more complex issues relating to real life commercial applications of design.

SQA publishes summaries of NC units for easy reference, publicity purposes, centre handbooks, etc. The summary statement for this unit is as follows:

This module deals with preparing for the commercial exploitation of a design solution for those who wish to investigate a specific area. Ideally it should be taken with other modules in the level 2 design cluster area. On completion of the module you will be able to implement appropriate design activity and you will know about standards and codes of practice.

CONTENT/CONTEXT Topics such as: Marketing, Promotion, Innovation, Costing, Style & Fashion, Materials, and Safety etc.

APPROACHES TO GENERATING EVIDENCE Source material which has been edited and assembled to identify a clearly defined area.

Drawings which have been prepared by conventional or CAD methods.

Visual presentations using or combining film, video or multimedia techniques.

Models and 3D artefacts as appropriate to identifying a practical solution to a design brief.

Written documentation.

ASSESSMENT PROCEDURES Oral questioning recorded on an adequate checklist and supported by written/graphical or audiovisual records. Documentation could include annotated sketch books, scrap books, recorded artefacts (film, video, software, etc). Material should be presented in a coordinated, self-explanatory manner and adequately notated.

PROGRESSION Successful completion of this module will normally take place with the overall award of the general Scottish Vocational Qualification: National Certificate Design (Level II). Direct progression would be to National Certificate Module 8150023 Design in context 3.

RECOGNITION Many SQA NC units are recognised for entry/recruitment purposes. For up-to-date information see the SQA guide 'Recognised and Recommended Groupings'.

REFERENCES

1. Guidelines for Module Writers.
2. SQA's National Standards for Assessment and Verification.
3. For a fuller discussion on assessment issues, please refer to SQA's Guide to Assessment.
4. Procedures for special needs statements are set out in SQA's guide 'Students with Special Needs'.

An exemplar assessment pack for this unit is available from SQA. Please call our Sales and Despatch section on 0141 242 2168 to check availability and costs. Quote product code B055.

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