

-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION

GENERAL INFORMATION

-Module Number- **8150083** **-Session-1993-94**
-Superclass- **VF**
-Title- **DESIGN IN ACTION 3**

-DESCRIPTION-

GENERAL COMPETENCE FOR UNIT: Identifying and preparing effective exploitation, design and marketing paths and comparing the solutions to standards and codes of practice.

OUTCOMES

1. identify exploitation paths;
2. prepare a marketing strategy;
3. analyse constraints and opportunities on design solution;
4. assess the solution against standards and codes of practice.

CREDIT VALUE: 1 NC Credit

ACCESS STATEMENT: Previous experience and/or National Certificate Modules 8150023 Design in Context 3, 8150053 Design Realisation 3.

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

This specification is distributed free to all approved centres. Additional copies may be purchased from SQA (Sales and Despatch section) at a cost of £1.50 (minimum order £5).

NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION**STATEMENT OF STANDARDS****UNIT NUMBER:** 8150083**UNIT TITLE:** DESIGN IN ACTION 3

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. IDENTIFY EXPLOITATION PATHS

PERFORMANCE CRITERIA

- (a) Pathways identified for effectively exploiting design solutions are appropriate for a particular design area and are comprehensive.

RANGE STATEMENT

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

EVIDENCE REQUIREMENTS

Identification of effective exploitation paths.

OUTCOME

2. PREPARE A MARKETING STRATEGY

PERFORMANCE CRITERIA

- (a) Strategy prepared for marketing a design solution is appropriate for a particular design area and is effective.

RANGE STATEMENT

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

EVIDENCE REQUIREMENTS

Preparation of a marketing strategy.

OUTCOME

- 3. ANALYSE CONSTRAINTS AND OPPORTUNITIES ON DESIGN SOLUTION

PERFORMANCE CRITERIA

- (a) Explanation of general constraints and opportunities involved in implementing design solutions is clear.
- (b) Analysis of constraints and opportunities involved in implementing a particular design solution is accurate.

RANGE STATEMENT

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

EVIDENCE REQUIREMENTS

Analysis of general and specific constraints and opportunities.

OUTCOME

- 4. ASSESS THE SOLUTION AGAINST STANDARDS AND CODES OF PRACTICE

PERFORMANCE CRITERIA

- (a) Assessment of compliance of a particular design solution with relevant standards and codes of practice is complete and correct.

RANGE STATEMENT

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

EVIDENCE REQUIREMENTS

Recorded assessment of compliance.

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 8150083

UNIT TITLE DESIGN IN ACTION 3

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 implementing the commercial exploitation of a design solution for those who wish to investigate a specific case. Ideally it should be taken with other modules in the level 3 design cluster area. On completion of the module you will be able to prepare strategic plans and you will know about the necessary background analysis and assessment.

CONTENT/CONTEXT Topics such as: marketing, promotion, innovation, costing, style and fashion, materials, and safety.

APPROACHES TO GENERATING EVIDENCE Developed sketch books which have been edited and prepared for client presentation purposes.

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 the requirements of exploitation, design and marketing pathways.

Written documentation.

ASSESSMENT PROCEDURES Performance evidence presented as written/graphical or audiovisual records. Documentation could include sketch books, recorded artefacts (film, video, software, etc). Material should be presented in a coordinated, self-explanatory manner. Material should be developed to a clearly identified conclusion.

PROGRESSION Successful completion of this module will normally take place within the overall award of the general Scottish Vocational Qualification: National Certificate Design (Level III).

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'.

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