

-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION

GENERAL INFORMATION

-Module Number- **8150033** **-Session-1993-94**
-Superclass- **VF**
-Title- **DESIGN REALISATION 1**

-DESCRIPTION-

GENERAL COMPETENCE FOR UNIT: Realising a design solution and comparing it with a given design brief.

OUTCOMES

1. interpret a given design brief;
2. use available information and explore ideas;
3. develop a design solution.

CREDIT VALUE: 1 NC Credit

ACCESS STATEMENT: Previous experience and/or National Certificate Module 8150003 Design in Context 1.

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:** 8150033**UNIT TITLE:** DESIGN REALISATION 1

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. INTERPRET A GIVEN DESIGN BRIEF

PERFORMANCE CRITERIA

- (a) Explanation of implications of a given design brief is correct.
- (b) Explanation of actions required to fulfil a given design brief is correct.

RANGE STATEMENT

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

EVIDENCE REQUIREMENTS

Explanation of implications and necessary actions relative to a given design brief.

OUTCOME

2. USE AVAILABLE INFORMATION AND EXPLORE IDEAS

PERFORMANCE CRITERIA

- (a) Identification of available information relevant to design brief is comprehensive.
- (b) Investigation of information is purposeful and constructive.
- (c) Ideas produced are practicable and relevant to design brief.

RANGE STATEMENT

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

EVIDENCE REQUIREMENTS

Collation of relevant information and recording of practical ideas.

OUTCOME**3. DEVELOP A DESIGN SOLUTION****PERFORMANCE CRITERIA**

- (a) Idea selected for development as design solution meets needs of simple brief effectively.
- (b) Design solution prepared is presented in a clear and structured form and meets needs of brief.

RANGE STATEMENT

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

EVIDENCE REQUIREMENTS

Presentation of design solution relative to needs of brief.

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 8150033

UNIT TITLE DESIGN REALISATION 1

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 To explore a simple design brief and to practise the production of simple solutions. It is intended for study following Design in Context 1, and before Design in Action 1. These three modules are intended to form a coherent cluster.

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 will help you to interpret a given design brief. Ideally it should be taken with other modules in the level 1 design cluster area. On completion of the module you will be able to develop design solutions from briefs using source information.

CONTENT/CONTEXT Any discrete design area may be used to generate the brief.

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 material appropriate to the outcome requirements.

ASSESSMENT PROCEDURES Performance evidence presented as 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 self-explanatory manner and adequately notated.

PROGRESSION Successful completion of this module enables progress to National Certificate Module 8150063 Design in Action 1.

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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