-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

Hanover House
24 Douglas Street
GLASGOW G2 7NG

NATIONAL CERTIFICATE MODULE DESCRIPTOR

-Module Number- **0071944** **-Session-1987-88**
-Superclass- **TJ**

-Title- **SPATIAL DESIGN: ASSEMBLY INTERIORS (x 2)**

-DESCRIPTION-

Type and Purpose

A specialist module which enables the student to acquire experience in the design of assembly interiors classified as occupancy groups C1 and C2 in Building Standards (Scotland) Regulations 1981.

Preferred Entry Level

0061870 Three Dimensional Design Studies: The Spatial Design Process
0061717 Drawing Skills: Technical Drafting 2

Learning Outcomes

The student should:

1. produce a building and site survey;
2. interpret a brief for the design of an assembly interior;
3. determine and analyse user requirements and ergonomic factors;
4. demonstrate a creative approach to the planning and the organisation of three dimensional space;
5. select and use appropriate materials and equipment;
6. produce drawings to a given scale of the proposed interior;
7. produce a materials sample board;
8. present the proposed scheme prepared for client approval;
9. observe professional, office and studio practice.

Content/ Context

Safety regulations and safe working practices and procedures should be observed at all times.

Corresponding to Learning Outcomes 1-9:

1. Understanding of how to carry out an accurate survey, through the study of survey methods, procedures, documentation and equipment. A subsequent accurate building and site survey should follow, including photography, and preparation of survey drawings as required.

2. Visualisation and interpretation of a written brief for an assembly interior containing all information eg. name of proposed premises, intended market, standard of finishes, vertical circulation, toilet provision, means of escape, internal and external signage, natural and artificial lighting, security provision.

3. Preparation for design analysis which demonstrates the application of anthropometric and related ergonomic data to planning and design proposals.

4. Demonstration of creativity with regard to planning and three dimensional concepts, with emphasis on functional requirements, statutory requirements, and the provision of adequate circulation space, by the production of sketch designs should include an indication of colour, form, finishes and lighting design.

5. Selection and use of appropriate materials and equipment from: pencils, ink marker pens, coloured pencils, scale ruler, set squares, T-square, technical pens, layout paper, tracing paper, masking tape, erasers, compasses for pencil and ink, water-colours, gouache, water-colour board, mounting board, ruling pen, cutting knives, steel rules, tapes and adhesives, architectural stencils, dry transfer lettering.

6. Production of design drawings and working drawings to scale, including plan views, sectional elevation, metric projections, perceptive views, constructional drawings of purpose built fittings, external elevations, signage.

7. Production of a specification of furniture and finishes and identification of appropriate services requirements e.g. heating ventilation and lighting, as essential environmental components. A materials sample board should be included.

8. Production of complete client presentation visuals. Emphasis on finished drawing, titling, layout of information, use of suitable colour media, specialist finishes and mounting.

9. The design process, the role of the designer and his working environment.

Suggested Learning and Teaching Approaches

The tutor should explain the various working methods and show examples to the students of different approaches to the design of assembly interiors.

The learning approach should be activity-based and students should work singly with the guidance of the tutor.

Student should have access to a range of appropriate, current design magazines and publications.

All work for this module will be retained as part of a portfolio.

Assessment Procedures

Acceptable performance in the module will be satisfactory achievement of the performance criteria specified for each Learning Outcome.

The following abbreviations are shown below:

LO Learning Outcome
IA Instrument of Assessment
PC Performance Criteria

LO1- IA 9 Learning Outcomes 1-9 will be assessed by a practical assignment based on a given brief. This will involve the production of a design for an assembly interior incorporating all appropriate facilities while complying with statutory regulations, the requirements of the set brief and associated working drawings.

LO1 PC The student produces an accurate building and site survey of the premises and prepares a range of precise survey drawings which show sound drawing techniques showing attention to detail, and identifying procedures, documentation and equipment.

LO2 PC The student produces a series of sketch designs showing flexibility of approach, creative planning, functional requirements, statutory and legislative requirements and accurately reflecting the content of the brief.

LO3 PC The student prepares a design analysis which shows:

(a) sound analysis of user requirements;

(b) creative interpretation and application of anthropometric data;

(c) sound application of ergonomic data to planning;

(d) accurate interpretation of the brief.

LO4 PC The student produces working drawings and sketch designs which show:

(a) a creative and perceptive interpretation of the brief;

(b) an interesting variety of alternative proposals which take functional and statutory requirements into account;

(c) appropriate rendering with reference to form, colour, tone, and texture;

(d) awareness of the spatial dimension;

(e) lighting design and finishes effectively indicated.

LO5 PC The student selects appropriate materials and equipment and uses them correctly.

LO6 PC The student produces design drawings and working drawings to scale that accurately communicate, through the use of BS conventions, the visual concept and constructional elements of the scheme.

LO7 PC The student produces a materials sample board.

LO8 PC The student produces a finished client presentation which shows:

(a) sound perspective drawing techniques, to include axonometric, isometric projection;

(b) accurate perspective views;

(c) selection of appropriate scale;

(d) constructional details clearly indicated;

(e) a perceptive interpretation of the brief;

(f) effective use of colour, tone and textures as appropriate;

(g) awareness of the functional and ergonomic aspects of the brief;

(h) accurate specification of finishes;

(I) a high degree of finish with neat and tidy mounting and presentation.

LO9 PC The student observes professional, office and studio practice when carrying out the assignment.