

-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

**Hanover House
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NATIONAL CERTIFICATE MODULE DESCRIPTOR

-Module Number- 0064774 -Session-1986-87

-Superclass- XQ

-Title- SHIP OUTFITTING

-DESCRIPTION-

Type and Purpose A specialist module which enables the student to comprehend the construction principles and practices in ship outfitting.

Preferred Entry Level 04775 Introduction to Shipbuilding (1/2).

Learning Outcomes The student should:

1. know the function of ships' accommodation, services and their relationship with fitting out practices and procedures;
2. know the construction and function of hatches and doors;
3. know the construction, function and operation of masts and derricks;
4. know the rules and regulations applicable to life saving appliances and procedures.

Content/ Context Corresponding to the Learning Outcomes:

1. functions, layout and outfitting of accommodation and services: crews' and officers' cabins and mess rooms, toilets, galley, cold rooms, pantries and stores.

Materials, practices, test procedures and control associated with services.

Use of standard units.

2. construction and functional features of hatches, doors and other openings in a modern cargo vessels. Test procedures.
3. construction, functional and operational features of masts, derricks and related equipment. Test procedures.
4. interpretation of D O T rules and regulations relating to life saving and safety equipment and procedures.

Suggested Learning and Teaching Approaches

The learning outcomes should be experienced in an environment appropriate to the module activities. Current technological-based practices should be stressed including the concept of a 'build strategy'.

Film, loops and slides should be used to reinforce the learning outcomes.

Students should be encouraged to discuss procedures, practices and problems experienced within their work environment.

Terminology should be presented in context. Students should have ready access to up-to-date regulations, technical publications and specifications. The preparation of sketches in good proportion should be demonstrated.

Assessment Procedures

All learning outcomes must be validly assessed.

The student must be informed of the tasks which contribute to summative assessment. Any unsatisfactory aspects of performance should, if possible, be discussed with the student as and when they arise.

Acceptable performance in the module will be satisfactory achievement of the performance criteria specified for each learning outcome.

The following abbreviations are used below:

LO Learning Outcome

IA Instrument of Assessment

PC Performance Criteria

LO1 IA Written/graphic exercise.

PC The student describes effectively:

- (a) the layout and functions of specified ships' accommodation;

- (b) appropriate outfitting procedures and practices.

LO2 IA Written/graphics exercise.

PC The student describes correctly using appropriate sketches and terminology:

- (a) the construction and functional features of hatches and doors;
- (b) test procedures for watertight and weathertight conditions.

LO3 IA Written/graphic exercise.

The student satisfactorily:

- PC
- (a) compares, using appropriate sketches and terminology, the construction, function and operation of masts and derricks;
 - (b) outlines appropriate test procedures for derricks.

LO4 IA Short answer exercise (written or oral).

PC The student correctly relates Department of Transport rules to specified life saving and safety appliances and procedures.