

-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

**Hanover House
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NATIONAL CERTIFICATE MODULE DESCRIPTOR

-Module Number- 0064501 -Session-1986-87
-Superclass- XR
-Title- UPHOLSTERY AND VEHICLE TRIMMING MATERIALS

-DESCRIPTION-

Type and Purpose A general module which introduces the student to the properties and characteristics of the range of materials used in upholstery and vehicle trimming.

Preferred Entry Level No formal entry qualifications.

Learning Outcomes The student should:

1. identify natural and synthetic fibres used in the production of covering and filling materials and know the properties of these fibres;
2. know the construction of woven, knitted and felted fabrics, supported and unsupported pvc. and hide; c. and hide;
3. know how covering fabrics and filling materials are tested;
4. select suitable covering and filling materials for given purposes;
5. know the safety requirements for the handling, storage and use of the materials.

Content/ Context Corresponding to the Learning Outcomes:

1. properties and characteristics of natural and synthetic fibres for:
 - (a) covering materials;
 - (b) filling materials.

Identification of fibres by burning tests, chemical tests and microscopic examination.

2. construction of covering materials eg. woven, knitted, felted, supported and unsupported PVC. and hide.
3. methods of testing covering fabrics for:
 - (a) resistance to abrasion;
 - (b) colour fastness to light;
 - (c) colour fastness to rubbing.

Methods of testing filling materials for:

 - (a) resilience and hardness index;
 - (b) cleanliness.
4. factors to be considered in the selection of coverings and fillings materials. Comparative tests of materials.
5. relevant regulations concerning storage of covering materials and filling materials eg. polyester foam and PU foam.

Suggested Learning and Teaching Approaches

Students should examine samples of covering and filling materials in natural and synthetic fibres, supported by film slides and publications on fibres, fabrics and filling materials.

Practical exercises in identifying fibres.

Students should discuss the properties, characteristics and uses of natural and synthetic fibre fabrics and filling materials.

Practical experiments in dyeing of fabrics.

Practical experiments on the flammability of fabrics and filling materials.

Assessment Procedures

The 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 Assignment report.

PC The student correctly:

- (a) identifies synthetic fibres;
- (b) identifies natural fibres;
- (c) states the properties of synthetic fibres;
- (d) states the properties of natural fibres.

LO2 IA Assignment report.

PC The student correctly:

- (a) identifies fabric structures;
- (b) identifies application for a range of fabrics.

LO3 IA Assignment report.

PC The student correctly:

- (a) describes how covering fabrics are tested;
- (b) describes how filling materials are tested.

LO4 IA Assignment report.

PC The student correctly:

- (a) selects covering materials for stated purposes;
- (b) selects filling materials for stated purposes.

LO5 IA Observation checklist.

PC The student consistently:

- (a) stores materials correctly;

- (b) handles covering materials correctly;
- (c) handles filling materials correctly.