

-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

**Hanover House
24 Douglas Street
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NATIONAL CERTIFICATE MODULE DESCRIPTOR

-Module Number- 0067814 -Session-1986-87

-Superclass- WH

-Title- INTRODUCTION TO TEXTILE FIBRES(x ¹/₂)

-DESCRIPTION-

Type and Purpose A general module (¹/₂) to enable the student to to acquire a knowledge of the basic properties and uses of the more important textile fibres.

Preferred Entry Level No formal entry requirements

Learning Outcomes The student should:

1. classify fibres on the basis of origin;
2. know the properties of a range of fibres;
3. know the end uses of fibres;

Content/ Context Corresponding to the Learning Outcomes:

1. classification of the more common animal, vegetable and man-made fibres into their various categories, based on origin, with examples of the main fibres in each category.
2. definitions and meanings of terms used in classifying fibres and describing their properties. Properties of wool, mohair, cashmere, silk, cotton, flax, jute, viscose, acetate, triacetate, polyamide, polyester, acrylic and polypropylene.
3. end uses in relation to properties.

Suggested Learning and Teaching Approaches	<p>Participative discussion to cover the origins and resulting classification of fibres. Properties should be discussed and demonstrated using a range of visual material such as slides, films and fibre samples.</p> <p>Fibre terminology should be introduced at appropriate stages and where possible, particular properties should be demonstrated (student should assist in testing procedure).</p>
Assessment Procedures	<p>All Learning Outcomes must be validly assessed.</p> <p>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.</p> <p>Acceptable performance in the module will be satisfactory achievement of the performance criteria specified for each Learning Outcome.</p> <p>The following abbreviations are used below:</p> <p>LO Learning Outcome IA Instrument of Assessment PC Performance Criteria</p> <p>LO1 IA Objective test (matching items).</p> <p>PC The student should correctly classify two given fibres in each of the three main categories listed in the Content/Context, according to origin.</p> <p>LO2 IA Short answer exercise.</p> <p style="padding-left: 40px;">The student should correctly state the main properties of at least one animal fibre, one vegetable fibre, one man-made regenerated polymer and one man-made synthetic polymer.</p> <p>LO3 IA Short answer exercise.</p> <p>PC The student should correctly match a list of end uses with ten fibres from the list in the Content/Context.</p>