

-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

**Hanover House
24 Douglas Street
GLASGOW G2 7NG**

NATIONAL CERTIFICATE MODULE DESCRIPTOR

-Module Number- 0065638 -Session-1986-87
-Superclass- TG

-Title- GENERAL APPRECIATION OF TROWEL APPLIED FINISHES

-DESCRIPTION-

Type and Purpose A general module which enables the student to sample a range of tasks appropriate to plaster and cement work while developing basic trowel skills.

Preferred Entry Level No formal entry qualifications.

Learning Outcomes The student should:

1. know the materials and the proportions they require to be mixed in to produce a range of trowel applied finishes;
2. prepare materials for use including gauging and mixing where appropriate;
3. use and maintain basic tools;
4. prepare wall surface to receive scratch coat;
5. apply plasters and renders in a range of simple practical tasks;
6. comply with regulations and procedures and use safe working practices specified for equipment and work areas.

Content/ Context	<p>Corresponding to the Learning Outcomes:</p> <ol style="list-style-type: none"> 1. identifying and selecting the mixing proportions of materials for: <ol style="list-style-type: none"> (a) dry dash; (b) wet dash; (c) float finish. 2. gauging and mixing appropriate materials. 3. selecting and handling cement and plastering tools for wall finishes, i.e. steel trowel, wood float, hawk, straight edge and plumb rule. 4. checking background materials for suction and treating accordingly, e.g. wetting, raking or hacking. 5. <ol style="list-style-type: none"> (a) applying scratch coat to wall and forming key on surface by scratching; (b) applying finishing coat to a smooth wood float finish; (c) keying part of finish to represent ashlar walling; (d) roughcasting wall using dry dash finish; (e) applying straightening coat, forming key to surface to receive finishing coat in gypsum plaster. 6. safety, safe practices and care in use of equipment should be an integral part of all module activities.
---------------------	---

Suggested
Learning and
Teaching
Approaches

Guided group discussion should be used to ascertain mix proportions and to develop an understanding of the problems encountered with different background materials. Notes and handouts should be used to reinforce the knowledge required.

Demonstration by the lecturer of the tool skills should be an important feature of the module, followed by the students working individually to practice these skills.

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>
LO1	<p>IA Short answer exercise.</p> <p>PC The student:</p> <p>states the correct materials and mixing proportions for:</p> <p>(a) dry dash; (b) wet dash; (c) float finish.</p>
LO2 & 3	<p>IA Practical exercise for each LO.</p> <p>The student to an acceptable standard and in an agreed time, where appropriate, correctly:</p>
LO2	<p>gauges and mixes materials for:</p> <p>(a) dry dash; (b) wet dash; (c) float finish.</p>
LO3	<p>selects and uses cement and plastering tools, as stated in content.</p>

LO4 &5	IA	Practical exercises and observation checklist for each LO.
	PC	The student to an acceptable standard and in an agreed time, where appropriate, correctly:
LO4	(a)	checks background for satisfactory keying;
	(b)	uses appropriate procedure for balancing suction.
LO5	(a)	applies scratch coat to wall and forms key to receive subsequent coat;
	(b)	applies finishing coat to a smooth wood float finish;
	(c)	points part of finishing coat to represent ashlar walling;
	(d)	roughcasts wall using dry dash finish;
	(e)	applies straightening coat and forms key to surface using gypsum plaster.
LO6	IA	Observation checklist in conjunction with practical activities.
	PC	The student consistently:
	(a)	wears all necessary safety clothing and equipment;
	(b)	behaves in a manner appropriate to the working environment;
	(c)	uses tools and equipment correctly and safely.