

**-SQA-SCOTTISH QUALIFICATIONS AUTHORITY**

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**NATIONAL CERTIFICATE MODULE DESCRIPTOR**

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**-Module Number- 0068241 -Session-1986-87**  
**-Superclass- TD**

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**-Title- LANDSCAPE CONSTRUCTION 1**

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**-DESCRIPTION-**

Type and Purpose A specialist module which enables the student to acquire the skills necessary to design a landscape project and to take that design to the detailed plan and specification stage.

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Preferred Entry Level 08240 Landscape Construction: An Introduction.

Learning Outcomes The student should:

1. know the features of good design in landscape architecture;
2. know the styles of design as reflected by historic and contemporary landscapes;
3. identify the elements used in landscape construction;
4. prepare a site analysis plan and report for a specified landscape site;
5. draw a landscape plan for a specified site.

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Content/Context Corresponding to the Learning Outcomes:

1. the theory of design - scale, texture, unity, perspective, shape, form, space, light and shade and plants.

The factors affecting design - budgetary considerations, soils, function, social factors should all be covered in the context of living situations.

The depth of coverage should relate to the students' interests on a local scale but the study should include a range of operations- on different scales - from the private garden to projects associated with new building and civil engineering developments.

2. styles of traditional landscape designs both formal and informal. The implications for contemporary design.
3. elements to include: contouring and earth moving; soil storage; hard materials. Use of water and plants in landscape. Choice of materials in relation to sites to be covered.
4. the site analysis side of planning to be covered in detail, starting from the client's brief, information gathering, site analysis and evaluation. The preparation of site analysis drawings (where applicable) and a report should clearly establish the way forward to the 'final plan'.
5. in the production of the final plan, alternative solutions should be considered. The final design should include a range of drawings - the main plans plus at least one cross section for a hard landscape feature.

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Suggested  
Learning and  
Teaching  
Approaches

Learning Outcomes 1, 2 and 3 should be achieved through a certain amount of classroom work and use of resource based data plus visits to illustrate traditional and contemporary features.

Students will gain a considerable amount by working through pictorial literature on landscape designs. It should help them visualise and gain ideas.

Video, slides and film material could also be used to extend the range of experience.

Learning Outcomes 4 and 5 require practice in considering briefs, evaluating sites and draughting perspectives and plans.

It is particularly important that in the planning process alternative designs be considered. A student must learn that this is vital if a good solution is to be achieved.

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.

Where cutting scores are stated these are intended to be for guidance. The precise cutting score for a test will depend on the difficulty of the test and will have to be decided by the Tutor aided by the Assessor.

The following abbreviations are used below:

LO Learning Outcome  
IA Instrument of Assessment  
PC Performance Criteria

## LO1

IA Short answer written test consisting of 10 questions on the factors affecting design in landscape features.

PC The student:

- (a) defines unity, scale, space perspective, shape, form, time, texture, light and shade as applied to the theory of design;
- (b) describes how these factors can be used to effect in landscape design.

Cutting score 80%.

## LO2

IA Written test consisting of 5 structured questions.

PC The student knows the styles of design as reflected by historic and contemporary landscapes.

Questions to include:

- (a) early Persian and Indian gardens;
- (b) The English Landscape School (Capability Brown);
- (c) French Formal Gardens;
- (d) Italian gardens;
- (e) modern garden styles.

Cutting score 80%.

- LO3
- IA Graphical exercise - the student sketches 3 diagrams to show cross sections and specified hard landscape features from the following list: a set of steps, paving, gullies, water retention feature, a garden wall.
- PC The student:
- (a) selects suitable surface and sub layers;
  - (b) uses correct dimension of materials.
- Cutting score 100%.
- LO4
- IA Practical design exercise and report.
- The student is required to prepare site analysis drawings and a report for a landscape feature to a stated brief.
- PC The student:
- (a) correctly interprets client's brief;
  - (b) suitably covers the site analysis plans to come to a design conclusion;
  - (c) appropriately assesses the design possibilities of the site to come to conclusions for use in the final plan;
  - (d) presents all information clearly and concisely.
- LO5
- IA Practical exercise - the student is required to draw a plan and specification for a landscape feature.
- PC The student:
- (a) uses the correct scale;
  - (b) uses accurate graphic/draughting techniques;
  - (c) uses correct specifications for cross sections.