

MODULE DESCRIPTOR

MODULE TITLE	Principles of Landscape Management and Maintenance		
MODULE CODE	MR1213	CREDIT VALUE	20 Credits
MODULE DELIVERY	Semester or Year Long		
MODULE TUTOR	Lara Hurley		
DATE APPROVED	April 2008	VERSION NUMBER	1
DEPARTMENT	School of Built & Natural Environment	PARTNER INSTITUTION	Myerscough College

RELATIONSHIP WITH OTHER MODULES

Co-requisites	None	Pre-requisites	None	Excluded Combinations	None
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MODULE AIMS

This module aims to equip students with the skills and knowledge required to successfully manage the maintenance of garden and landscaped areas. Students will review the theory behind component tasks, the equipment and resources necessary to undertake landscape maintenance. The difference between management planning and maintenance schedules will also be discussed. The effect of maintenance activities on the wider environment will be emphasised, as will the requirements of current economic and commercial arrangements.

MODULE CONTENT

- 1 Principles of vegetation management – manual, chemical, mechanical.
- 2 Maintenance of grass and mixed sward areas – lawns, sports turf, wildflower meadows.
- 3 Management of woody plants – planting, aftercare, pruning, felling and removal.
- 4 Control measures for pests and diseases.
- 5 Maintenance of synthetic and artificial surfaces.
- 6 Maintenance of hard landscape features – surfaces, drainage systems, walls, fences and furniture.
- 7 Maintenance of interior landscapes.
- 8 Plant identification linked to maintenance requirements.
- 9 Health and safety legislation and implications for managers.
- 10 Writing of maintenance specifications.
- 11 Production of management plans.

LEARNING OUTCOMES

On successful completion of this module a student will be able to:

1	Produce management plans for specific landscaped areas.
2	Develop maintenance schedules for a range of landscape features.
3	Assess the maintenance requirements of a range of plants and features and offer practical solutions to problems including health and safety.
4	Describe the impact of a given maintenance operation on the site, its users and the wider environment.

TEACHING AND LEARNING STRATEGY

This module will be taught through a combination of lectures, case studies, visits, student projects and assignment work. Lectures will provide the basic information that will be supplemented by visiting speakers and case studies. Student-centred learning will be facilitated through project work that will give scope for individual's specialist interests to be developed.

For on-line delivery this module has been formatted as a sequenced series of lecture materials including PowerPoint presentations, packaged files and articles for further reading. Extensive use of photographic material may be used and students will be expected to undertake and feed back on site visits through participation in on-line discussion forums and tutorials.

INDICATIVE CLASS CONTACT

Lecture 2.5 hours per week over two semesters and 5 hours per week over one semester.

For on-line distance learning, module tutor time equivalent to 3 hours per week for one semester is allocated to support students. On-line students also have 24 hour access to a wide range of on-line learning materials and learning activities.

INDICATIVE ASSESSMENT

The module will be assessed through the production of maintenance specifications and a management plan for a specified area, plant identification linked to the maintenance requirements of a range of plants and an exam.

Number of Assignments	Assessment	Weighting %	Type/Duration/ Wordcount (indicative only)	Learning Outcomes being assessed
1	Assignment 1 – maintenance specifications and management plan	40%	maintenance specifications and management plan 2500 words	1, 2, 3, 4
10	Plant identification tests and plant file	20%	Learn, identify and give the full botanical name to a range of plant species	3
1	Examination	40%	2 hour	3 and 4

MODULE PASS REQUIREMENTS

For successful completion of the module, each individual element of assessment must be passed at 40%.

BIBLIOGRAPHY AND LEARNING SUPPORT MATERIAL

- Bridwell, F.M. (2002) *Landscape Plants: Their Identification, Culture and Us*. London: Delmar Thompson Learning
- Brown, S. (2005) *Sports turf and amenity grassland management* Marlborough: Crowood Press
- Buczaci, S. & Harris, K. (1990) *Collins Guide to Pests, Diseases and Disorders of Garden Plants*. Collins
- Clamp, H. (1988) *Landscape Professional Practice*. Gower
- Clamp, H. (2008) *Spons Landscape Contract Handbook*. London: E & F N Spon
- Cobham, R. (1989) *Amenity Landscape Management*. London: E & F N Spon
- Davis, Langdon, & Everest. (2008) *Spons Landscape and External Works Price Book*. London: E & F N Spon
- Dunnett, N. & Hitchmough, J. (Eds) (2004) *The dynamic landscape: design, ecology and management of naturalistic urban planting* London: Spons
- Dunnett, N. & Kingsbury, N. (2004) *Planting green roofs and living walls*. Portland, Oregon: Cambridge Timber Press.
- Harris, R.W. et al (2004) *Arboriculture: Integrated management of landscape trees, shrubs, and vines* (4th ed) New Jersey: Prentice Hall, Upper Saddle River
- Hensley, D.L. (1994) *Professional Landscape Management*. US: Stipes Publishing Co
- Hitchmough, J.D. (2002) *Plant User Specification Guide*. Oxford: Blackwell Science
- Hitchmough, J. & Fieldhouse, K. (2004) *Plant user handbook: a guide to effective specifying*. Oxford: Blackwell Science
- Sutherland, W.J. & Hill, D.A. (eds) (1995) *Managing Habitats for Conservation*. Cambridge: Cambridge University Press
- Thoday, P.R. (1996) *Landscape Plants*. Cheltenham & Gloucester College of Higher Education
- Watkins, J and Wright, T. (2007) *The Management and Maintenance of Historic Parks, Gardens and Landscapes* Frances Lincoln
- Weir, R.G. (1997) *Plant Nutrient Disorders*. Inkata Press
- Welch, D. (1991) *Management of Urban Parks*. Longman

OTHER PUBLICATIONS

BS4428 (1989) *Code of Practice for General Landscape Operations (excluding hard surfaces)*.

BS7370 (1991) *Grounds Maintenance. Recommendations For Establishing and Managing Grounds*.

JOURNALS

Amenity Landscape

Green Places

Horticulture Week

Landscape

Leisure Management

Turf Management

ELECTRONIC INFORMATION SOURCES

Landscape Institute www.landscapeinstitute.org

Health and Safety Executive www.hse.gov.uk

Joint Council of Landscape Industries www.jcli.org.uk