

HRT 227

Professional Landscape Management

COURSE OUTLINE

Prerequisites:

None

Course Description:

Focuses on basic practices and techniques involving landscape installation and management. Includes development of a year-round management calendar and preparation of bid and contract proposals. Introduces the basic principles of landscape design. Discusses fertilization and soils as it relates to landscape plants.

Additional Description:

The objective for this course is to gain a basic knowledge and understanding of landscape design and construction methods. The course will cover materials and equipment used in the design, construction, and maintenance of landscapes. In addition, the course also includes the exploration of the installation methods, purpose, selection and maintenance of planting and construction materials.

A landscape management/construction seminar project is required in which each student will be expected to become an “expert” on a topic, of their choosing, relating to the practice of landscape management and/or construction and relate that information in an oral presentation to their peers.

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Revised: Fall 2016

Semester Credits: 3 Lecture Hours: 2 Lab/Recitation Hours: 2

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Course Outcomes:

At the completion of this course, the student should be able to:

- Have general knowledge and understanding of landscape design principles.
- Have a basic knowledge and understanding of equipment and materials needed in installing and maintaining landscapes.
- Have a basic knowledge and understanding of hardscape construction methods.
- Have a basic knowledge and understanding of plant materials, purpose (functional & aesthetic), selection, and installation.
- Have a basic knowledge and understanding of ornamental plants and identification.
- Create 1 Landscape Management/Construction Seminar Presentation

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Required Materials:

Textbook

Textbook:

Professional Landscape Management, 3rd Edition, David L. Henseley, Stipes Publishing, LLC, ISBN-978-1-58874-950-5

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Topical Description:

Class Number	Lecture Topics:	Lab Exercises:
Week 1	Chapter 1: Introduction to Landscape Management	Seminar Project Assigned
Week 2	Chapter 2: Marketing Landscape Management	Pavement Installation Materials & Techniques
Week 3	Chapter 3: Specifications & Contracts	Paver Installation Materials & Techniques
Week 4	Chapter 4: Estimating Landscape Management Services	Curbing Materials & Installation Techniques
Week 5	Chapter 5: Personnel Management	Wall & Step Materials & Installation Techniques
Week 6	Chapter 6: Equipment Selection & Acquisition	Fence Materials & Installation Techniques
Week 7	Chapter 7: Landscape Design & Grounds Management	Landscape Design Techniques
Week 8	Chapter 8: Pruning Landscape Plants	Plant Installation Techniques
Week 9	Chapter 9: Water Management	Drainage & Swale Materials & Installation Techniques
Week 10	Chapter 10: Fertilizing The Landscape	Pond & Pool Materials & Installation Techniques
Week 11	Chapter 11: Color In The Landscape	Field Trip to Local Nursery
Week 12	Chapter 12: Turfgrass Management	Field Trip to Turf Store
Week 13	Chapter 13: Pest Management	Possible Guest Speaker or Field Trip
Week 14	No Classes	No Classes
Week 15	Chapter 14: Leaf & Debris Removal Chapter 15: Snow Removal	Possible Guest Speaker or Field Trip
Week 16	Chapter 16: The Sustainable Landscape	Sustainable Products & Installation Techniques
Week 17	Final Exam	

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Notes to Instructors
(List information about optional topics, departmental exams, etc)

Testing Information:

Quiz #1 – Chapters 1-3
Quiz #2 – Chapters 4-7
Quiz #3 – Chapters 8-12
Final Exam – Cumulative, Chapters 1-16

Project Requirements:

Landscape Management/Construction Seminar Project:

Students will become an “expert” on a topic, of their choosing, relating to the practice of landscape management and/or construction and relate that information in an oral presentation to their peers.

Work Product: Power Point Presentation

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