



Syllabus

HRT 202 Landscape Construction and Maintenance

General Information

Date

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Author

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Department

Conservation

Course Prefix

HRT

Course Number

202

Course Title

Landscape Construction and Maintenance

Course Information

Credit Hours

3

Lecture Contact Hours

3

Lab Contact Hours

0

Other Contact Hours

0

Catalog Description

This course is open to all interested individuals and emphasizes various hands-on skills of horticulture including soil preparing, planting, pruning, weeding, edging, and mulching. Tours of various horticulture sites will familiarize students on the materials and methods for construction of walls, walks and patios. Achieving a basic understanding of the region's horticultural history through field trips and hands-on learning at various non-profit institutions is included. Native plant and wholesale plant nursery visits will familiarize students to plant availability. An introduction to business operation is included.

Prerequisites

None

Co-requisites

None

Grading Scheme

Letter

First Year Experience/Capstone Designation

This course DOES NOT satisfy the outcomes applicable for status as a FYE or Capstone.

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed category

None

FLCC Values

Institutional Learning Outcomes Addressed by the Course

Inquiry

Interconnectedness

Course Learning Outcomes

Course Learning Outcomes

1. Describe appropriate plant material selection, installation and maintenance as related to corresponding appropriate sites in the landscape.
2. Articulate the differences between a historic horticulture site and a contemporary site.
3. Apply basic concepts of irrigation systems to landscapes.

Program Affiliation

This course is not required as a core course in a program

Outline of Topics Covered

- I. Basics- classroom
 - a. Construction plan interpreting
 - b. Site evaluation: soil testing, microclimates, proper plant locating, hardiness zones
 - c. Tools
 - d. Maintenance & installation basics: planting, weeding, pruning, dividing, watering.
 - e. Introduction to regional gardens and nurseries (prep for site visits)
 - f. Basic irrigation materials/operation
 - g. Certifications and licensure
 - h. Safety
- II. Construction Materials- site visits to Sensenig, Phelps Cement, etc.
 - a. Retaining walls
 - i. Land preparation
 - ii. Various materials
 - iii. Procedures
 - iv. Estimating
 - b. Paving
 - i. Land preparation
 - ii. Various materials
 - iii. Procedures

- iv. Estimating
 - c. Fences
 - i. Land preparation
 - ii. Various materials
 - iii. Estimating

- III. Plant Materials- site visits to Monica's Native Plant Nursery, Northern Nursery, Bristol's Nursery
 - a. Selection: woody trees/shrubs/vines, herbaceous/perennial/biennial/annual
 - b. Pre-planting care
 - c. Soil preparation
 - d. Installation
 - e. Post-planting care

- IV. Historic and Private Site Visits/Experiential
 - a. Parks- Highland, Lakeshore Dr. Cdga., Ellwanger Barry
 - b. Estates- Sonnenberg Gardens, George Eastman Museum
 - c. Private homes

- V. Turf/Meadows- site visits to golf course, natural sports turf, and artificial turf site.
 - a. Selecting plant materials
 - b. Site preparation
 - c. Installation
 - d. Maintenance