

## Horticulture

Active as of Fall Semester 2010

### I. General Information

1. Course Title:  
Landscape Design

2. Course Prefix & Number:  
HORT 2165

3. Course Credits and Contact Hours:  
Credits: 4

Lecture Hours: 2

Lab Hours: 4

4. Course Description:  
Students will learn to: 1) carefully analyze and integrate client and site information into the landscape design, 2) apply graphic design skills, and 3) develop the ability to assess the visual feel of the design. These skills are developed through the frequent application of graphic and design concepts to landscape design projects. This course is the first of two concentrating on landscape design and is focused on the application of design principles to basic residential and commercial landscape design projects.

5. Placement Tests Required:

6. Prerequisite Courses:  
There are no prerequisites for this course.

9. Co-requisite Courses:  
There are no corequisites for this course.

### II. Transfer and Articulation

### III. Course Purpose

1. Program-Applicable Courses – This course is required for the following program(s):

<i>Name of Program(s)</i>	<i>Program Type</i>
LANDSCAPE TECHNOLOGY	Diploma

## IV. Learning Outcomes

### 1. College-Wide Outcomes

#### College-Wide Outcomes/Competencies

Demonstrate oral communication skills

Demonstrate written communication skills

#### Students will be able to:

Present final landscape design to the class

Produce plant list and design descriptions for final landscape design

2. Course Specific Outcomes - Students will be able to achieve the following measurable goals upon completion of the course:

<i>Expected Outcome</i>	<i>MnTC Goal Area</i>
Students will be able to carefully analyze and integrate client and site info into the landscape design	
Students will be able to apply graphic design skills	
Students will be able to develop the ability to assess the visual feel of the design	
Students will be able compare characteristics of sloping and level sites	
Students will be able to integrate landscape design concepts	
Students will be able measure sites and calculate material requirements	
Students will be able to organize and produce landscape designs	

## V. Topical Outline

Listed below are major areas of content typically covered in this course.

### 1. Lecture Sessions

1. Using Drawing Instruments
  - Purposes of drawing and tools
  - Tools and how they work
2. Lettering
  - Importance of lettering
  - Methods of lettering
3. Graphic Materials and Techniques
  - Design views
  - Landscape symbols
  - Ideas and symbols
  - Labeling
  - Design sheet layout
  - Drawings for different requirements
  - Graphic media
  - Layout presentations
4. The Site
  - Understanding the site
  - Site features and characteristics
  - Reading the terrain
  - Grading the land
  - Site analysis
  - Preparing a base map
5. The Landscape Process
  - The process
  - Interviewing the client

- Diagrams and Drawings w/in the process
6. The Outdoor Room Concept
    - Use areas
    - Outdoor use areas
    - Outdoor room concept
  7. The Principles of Design
    - Foundation for designing
    - Applying the principles
    - Material characteristics
    - Supporting the principles

## 2. Laboratory/Studio Sessions

1. Identify Materials and Equipment
  - Use Equipment
  - Work with Scale
2. Use Symbols
  - Drawing the Residence
  - Drawing Trees, Shrubs, Ground Covers, Vines, and Flower Beds
3. Develop Lettering Skills
4. Drawing Non-Plant
5. Foundation Planting
  - Understanding
  - Recognizing Faulty
  - Designing
6. Organizing Space in the Landscape
7. Preparing a Finished Plant List
8. Preparing a Title Block