Course Syllabus

Department: Conservation / Horticulture
Date: October 11, 2012

I. Course Prefix and Number: HRT 210

   Course Name: Landscape Design II

   Credit and contact hours: 3 credit hours and 3 contact hours

   Catalog Description including pre- and co-requisites:
   An intense, hands-on extension of Landscape Design I that focuses on the development of professional design skills for the residential and commercial landscape. The student will develop designs, time, materials and labor cost estimates and presentation skills for a variety of real-world design projects. First hand experience using professional level techniques will be gained during this class. Required field trips to landscape sites will be held during class hours. Pre-requisite: HRT 201 - Landscape Design 1.

   Relationship to Academic programs and curriculum:
   This course is an advanced elective for students in the AAS Horticulture degree program. It may also be taken as a general elective if the pre-requisite of HRT 201 – Landscape Design I is met.

II. Course Student Learning Outcomes:

   Upon the completion of this one semester course students will be able to:

   A. Distinguish and explain the various elements of a site for design prior to development of a new design.

   B. Evaluate how the various site elements will affect the outcome of the design with relation to maintenance, vehicular and pedestrian traffic patterns, plant selection, and plant placement.

   C. Apply professional graphics and design conventions on drawings in their appropriate applications and settings.

   D. Produce designs for different site types that have a variety of client needs while incorporating the site elements, visual, aesthetic, traffic flow and maintenance issues.

   E. Develop professional presentation skills through routine presentation of concept design projects and formal presentation of project final designs.

   F. Produce a cost estimate for time, materials, and labor for the project based on current costs.

   College Learning Outcomes Addressed by the Course:
   □ writing □ computer literacy
   ☒ oral communications □ ethics/values
III. Assessment Measures (Summarize how the college and student learning outcomes will be assessed):

<table>
<thead>
<tr>
<th>List identified College Learning Outcomes(s)</th>
<th>Specific assessment measure(s)</th>
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<tbody>
<tr>
<td>Oral Communications</td>
<td>Students will complete several oral presentations of designs on a regular basis to fellow students and to invited guests representing the “customer” with graded formal presentations. These presentations would follow a specific rubric provided with that project’s outline.</td>
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<td>Citizenship</td>
<td>Students will create designs for specific projects each semester that are for some part of the local community. Project requirements will include discussion with the community representative about needs for the design as well as project presentations to the client. Discussions and quizzes throughout the semester will require the student to verbalize the value of community contributions.</td>
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<td>Information Resources</td>
<td>Students will create a plant list for each design project of the semester. This plant list will require the student to identify the environmental and physical features of the site, understand the needs of the client, and design a landscape using plants that meet all requirements. The student must identify the plants that meet the requirements, evaluate their growth patterns and produce recommendations for the use of these plants.</td>
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IV. Instructional Materials and Methods:

Types of Course materials:
- Text books
- In-class workshops developed by instructor that relate to the specific topic to be covered
- Real sites to be analyzed both on- and off-campus to meet the increasingly complex development of student skills
- Library resources

Methods of instruction (e.g. Lecture, Labs, Seminars ...):
- Lectures with handouts, power points, and visual examples
- Demonstrations
- Workshops of guided learning and practice in techniques
- Individual feedback and group discussion following various segments of technique development
- Hands-on, in-field practice of “customer” sites on and off-campus with various techniques
V. General Outline of Topics covered

a. Review of Landscape Design 1 techniques
   i. Site analysis
   ii. Charette technique in plan
   iii. Plan drawing, components and line weight
   iv. Elevation drawings
   v. Color rendering
   vi. Time, material, cost estimating

b. Specialty site issues
   i. Working with slopes
   ii. Drainage issues
   iii. Determining the amount of space needed
   iv. Coordination with building styles
   v. Influence of Paths
   vi. Spaces for children & other specialty clients

c. Expanding design idea techniques
   i. Charette in elevation
   ii. Bones of the garden
   iii. Enclosure - Foreground, mid ground, background
   iv. Enclosure - Overhead plane, mid story, under story, ground plane
   v. Resources

d. Expanding drawing and rendering techniques
   i. Color rendering with markers
   ii. Thumbnail elevations
   iii. Foreshortened view drawing
   iv. Computer Aided Design (CAD) overview

e. Professional portfolio development
   i. Format conventions
   ii. Media options
   iii. Resources

f. Professional presentations
   i. Request for Bid or Proposal options
   ii. Time, Material, Cost Estimating
   iii. Scope control
   iv. Time management