

PST-1431: GRAPHICS FOR LANDSCAPE DESIGN AND CONSTRUCTION

Cuyahoga Community College

Viewing: PST-1431 : Graphics for Landscape Design and Construction

Board of Trustees:

2012-05-24

Academic Term:

2012-08-27

Subject Code

PST - Plant Science/Landscape Tech.

Course Number:

1431

Title:

Graphics for Landscape Design and Construction

Catalog Description:

Foundation and preparatory course for graphic communication processes and methods used in landscape design and landscape construction. Production and applications of a variety of drawing types and the tools and techniques used to produce them. Types of drawings studied will include; plan, section, elevation, isometric, perspective and freehand sketching. Other graphic techniques studied will include color rendering and construction detailing.

Credit Hour(s):

2

Lecture Hour(s):

1

Lab Hour(s):

3

Requisites

Prerequisite and Corequisite

None.

Outcomes

Course Outcome(s):

1. Demonstrate competence in graphic communication techniques used in the design, sales and implementation process of landscape design/build.

Objective(s):

1. Use the appropriate tool, medium and technique to draw.
2. Demonstrate the following levels of drawing communication: conceptual, preliminary, presentation, and construction details.
3. Demonstrate drawing reproduction methods, timing and purposes.

Methods of Evaluation:

1. In-class work
2. Homework
3. Projects
4. Reports

- 5. Quizzes
- 6. Tests

Course Content Outline:

- 1. Concepts
 - a. Basic drawing
 - b. Tools and techniques
 - c. Lettering
 - d. Landscape symbols
 - e. Plan drawing
 - f. Elevation/perspective/isometric
 - g. Graphic rendering
 - h. Surface grades
 - i. Two and three dimensional thought
 - j. Communication
- 2. Skills
 - a. Drafting, drawing, sketching
 - b. Draft and label landscape plans, and support drawings
 - c. Graphic rendering techniques for presentation and construction purposes
 - d. Legible lettering
 - e. Labeling and/or dimensioning plans, elevations and sections
 - f. Understanding and labeling plan view and grade changes
- 3. Issues
 - a. Dealing with scale in relation to drawing format
 - b. Using the correct tool
 - c. Thinking and seeing in three dimensions
 - d. Combining graphic mediums and techniques
 - e. Proportion
 - f. Design process and appropriate graphic complexity

Resources

Booth, Norman and James Hiss. *Residential Landscape Architecture*. 6th ed. Upper Saddle River, NJ: Pearson Prentice Hall, 2012.

Bertauski, Tony. *Designing the Landscape: An Introductory Guide for the Landscape Designer*. 2nd ed. Upper Saddle River, NJ: Pearson Prentice Hall, 2009.

Bertauski, Tony. *Plan Graphics for the Landscape Designer: with Section-Elevation and Computer Graphics*. 2nd ed. Upper Saddle River, NJ: Pearson Prentice Hall, 2007.

Siciliano, Paul. *Landscape Interpretations: History, Techniques, and Design Inspiration*. 1st. Clifton Park, NY: Thompson Delmar Learning, 2005.

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