



Course Description

ORH2835C | Computer-Aided Landscape Design 1 | 2.00 Credits

Students will learn CAD fundamentals and then create computer generated drawings. Using these fundamentals and landscape design concepts, students will generate both landscape and hard scape aspects of residential landscape designs. A combination lecture/lab course. Prerequisites: CGS1060 (or equivalent) and working knowledge of landscape plants or permission of instructor.

Course Competencies:

Competency 1: The student will demonstrate knowledge of the basic principles of landscape design by:

1. Preparing a landscape design.
2. Designing a hardscape plan.
3. Locating existing utilities.

Learning Outcomes:

1. Computer/ Technology Usage
2. Aesthetic / Creative Activities
3. Critical Thinking

Competency 2: The student will demonstrate knowledge of the appropriate plant species according to site requirements by:

1. Identifying, designing, and selecting appropriate plant materials for desired effect and function.
2. Determining plant water requirements.
3. Developing a list of plants and materials required for the project

Learning Outcomes:

1. Computer/ Technology Usage
2. Aesthetic / Creative Activities
3. Critical Thinking

Competency 3: The student will demonstrate knowledge of the use of computer techniques and symbols in landscape drawings by:

1. Using a properly computer-assisted drafting (CAD) system.
2. Determining the method and form of presentation of the project.
3. Describing the use of computers in landscape operation.
4. Creating and developing a reference library of plant symbols for general design use.

Learning Outcomes:

1. Computer/ Technology Usage
2. Aesthetic / Creative Activities
3. Critical Thinking