

**Common Course Outline**  
**HORT 201**  
**Computerized Landscape Design**  
**3 credits**

**The Community College of Baltimore County**

**Description**

**HORT 201 - 3 credits - Computerized Landscape Design** applies landscape design skills to the process of developing computer generated images and designs via design software to develop presentations, photo-image designs, and 3-D plans for landscape plans. Basics of a selected landscape design program are used to generate designs. Background in landscape design is required to take full advantage of the software.

**3 credits; 2 lecture hours and 2 laboratory hours per week.**

**Prerequisites: HORT 230 or consent of Program Director**

**Overall Course Objectives**

Upon completion of this course the student will be able to:

1. identify the range of design software available to the landscape designer;
2. contrast the differences and applications of various software programs;
3. develop hand drawn designs suitable for translation into design software;
4. demonstrate the ability to install and navigate through the selected software, utilizing its design features;
5. develop a landscape design on the computer, utilizing the appropriate functions of the program;
6. present the plan as 2-D, 3-D, and elevation designs;
7. develop a plan utilizing the photo imaging element of the program;
8. develop specifications lists, prices and take-off sheet from the design;
9. print the design via plotter, and develop a presentation for a customer;
10. present the completed design and develop the appropriate sales presentations for the design;  
and
11. demonstrate the ability to critique designs and offer alternative ideas.

## **Major Topics**

- I. Designing software available to the landscape designer
- II. Navigate through the major features of the design software
- III. Translate hand-drawn plan into computer generated design
- IV. Developing a completed and printed landscape design and specification sheet
- V. Developing and presenting a sales presentation for the design

## **Course Requirements**

**Grading/exams:** Grading procedures will be determined by the individual faculty member but will include the following:

1. One (1) Exam
2. One (1) Computer Generated Design
3. Participation
4. Presentation of Design

## **Other Course Information**

This course is a Horticulture Program core course and is required for the Horticulture A.A.S. Degree.

It is also a required course for the following Horticulture certificate:  
Landscape Design and Installation

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