SOUTHEAST COMMUNITY COLLEGE
COURSE SYLLABUS
TRAN-WELDING-AG
Horticulture & Turfgrass Management Program
Revision Date: August 2020
Syllabus Statements

I. CATALOG DESCRIPTION

Course Number: **HORT 2281**
Course Title **Digital Landscape Design**
Prerequisite(s): HORT1133, HORT2280

Catalog Description: An overview of creating and implementing digital landscape designs. Students will utilize a computer based design program enhancing the elements, concepts, development and principles within landscape design.

Credit Hours: 2.0
Class Hours: 23
Lab Hours: 23
Total Contact Hours: Total of Class + Lab Hours 46

II. COURSE OBJECTIVES: *Course will:*

1. Provide comprehension utilizing the PRO Landscape & CAD Programs
2. Introduce creating a basic digital design and base plan
3. Introduce implementation of hardscapes within a design
4. Introduce implementation of plants, shrubs, mulch and grasses within a design
5. Introduce basic image editor for designs
6. Implement a professional proposal of a design

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. STUDENT LEARNING OUTCOMES: *Student will be able to:*

1. Learn and apply hands on application of computer based design programs
2. Create digital designs and base plans
3. Application of pavers, sidewalks and retaining walls to a design
4. Develop a design utilizing appropriate plants, shrubs, and placement
5. Obtain skills utilizing image editor for landscape designs
6. Create a professional proposal for digital designs

B. GENERAL EDUCATION LEARNING OUTCOMES

GELO #3: Critical Thinking & Problem Solving

Critical thinkers have the ability to evaluate a problem or assumption and determine an appropriate course of action. They use reason and evidence to make judgments and decisions. Critical thinking and problem solving skills rank highly among employer expectations.

Outcomes:

1) Collect, identify, interpret and analyze data.
2) Synthesize information to arrive at reasoned solutions to problems.
3) Evaluate ideas presented in writing, medial, speech, or artistic presentations.
4) Evaluate the validity of arguments, alternatives, data, outcomes, and/or impacts of actions.
5) Acquire and integrate knowledge and construct relationships across disciplines.

IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information)*

A. Overview of PRO Landscape and 3D CAD Files
B. Creating a landscape design
C. Create a base plans
D. Design and implementation of a digital landscape
E. Various techniques of landscaping using various color schemes
F. Incorporate plant species into landscape designs
G. Proposals

V. INSTRUCTIONAL MATERIALS

A. Required Text(s) :): Landscaping Principles and Practices, 7th Edition; Ingels, Jack E.

VI. METHODS OF PRESENTATION/INSTRUCTION

Methods of presentation typically include a combination of the following:

a. Methods will include, but are not limited to:
   Lecture, laboratory assignments and tasks, slide and video presentations, research and writing assignments, field trips, and guest lectures and speakers.
b. Lab activities

VII. METHODS OF EVALUATION

Methods of evaluation typically include a combination of the following:

a. Quizzes, tests, and exams
b. Skills project and exam
c. Daily Evaluation
d. Landscape Design Projects
e. Participation (Horticulture Land Lab)

SCC STANDARD GRADING SCALE POLICY:

A+	**95-100**	**C+**	**75-79**
A	**90-94**	**C**	**70-74**
B+	**85-89**	**D+**	**65-69**
B	**80-84**	**D**	**60-64**
		F	**Below 60**

VIII. SPECIFIC COURSE REQUIREMENTS:

a. Successful completion of all exams, projects, and assignments
b. Completion of ALL projects and tasks in class