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

I. CATALOG DESCRIPTION

Course Number:	**HORT 1150**
Course Title	Introduction to Viticulture
Prerequisite(s):	None

Catalog Description: This course is the introduction to general viticulture covering the fundamental principles of the biology and culture of the grapevine. This includes distribution, domestication, utilization, propagation, production systems, harvesting, and storage and processing of grapes. The class explores climate and soil preferences of Vitus vinifera, vineyard establishment, and training young vines. Cultural practice lectures will focus on canopy management disciplines, irrigation strategies, fertilization, pest and disease control, cover cropping and pruning.

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. Introduce viticulture site selection
2. Introduce varietal selection,
3. Introduce trellising
4. Introduce vineyard establishment
5. Introduce vine pruning
6. Introduce vineyard irrigation
7. Introduce vineyard fertilization
8. Introduce pest management

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. STUDENT LEARNING OUTCOMES: *Student will be able to:*
1. Demonstrate proper identification site selection requirements
2. Demonstrate proper identification common grape varieties
3. Demonstrate proper trellis construction
4. Demonstrate proper vineyard establishment techniques
5. Demonstrate proper pruning techniques
6. Demonstrate proper irrigation system creation and utilization

7. Demonstrate proper fertility recommendation using the following methods
    a. wet lab soil testing procedures
    b. crop use analysis
8. Demonstrate understanding of vineyard pests and control strategies

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.

IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information***)**
A. Vineyard site selection
B. Grape growth cycles
C. Varietal selection
D. Trellis types and construction
E. Vineyard establishment
F. Vine pruning
G. Vineyard fertility and irrigation
H. Pest management

V.   INSTRUCTIONAL MATERIALS
Required Text(s):

A.   A Practical Guide to Developing a Commercial Wine Vineyard
   Mark L. Chien   Viticulture Educator   Penn State Cooperative Extension

VI. METHODS OF PRESENTATION/INSTRUCTION
A. Methods of presentation typically include a combination of the following:
1. Lecture, classroom discussion
2. Laboratory demonstration and practice
3. Field demonstration and practice

VII. METHODS OF EVALUATION
A.   Methods of evaluation typically include a combination of the following:
B. Grading of examinations, quizzes, and written assignments
C. Participation in laboratory and field exercises
D. Accurately demonstrate proper soil identification, sample collection and nutrient testing
E. Attendance will be in accordance with the SCC policy located in the student handbook

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:

Student must meet all of the following to receive a passing grade

a. Achieve passing grade of 60% or higher, based on SCC grade scale

b. Participate in laboratory and outdoor exercises

c. Field demonstration and practice