



## VWT 229 - Summer Viticulture Operations Course Outline

Approval Date: 05/10/2006

Effective Date: 08/14/2006

### SECTION A

**Unique ID Number** CCC000281675

**Discipline(s)**

**Division** Career Education and Workforce Development

**Subject Area** Viticulture and Winery Technology

**Subject Code** VWT

**Course Number** 229

**Course Title** Summer Viticulture Operations

**TOP Code/SAM Code** 0104.00\* - Viticulture, Enology, and Wine Business\* / B  
- Advance Occupational

**Rationale for adding this course to the curriculum** typo corrected for catal

**Units** 1

**Cross List** N/A

**Typical Course Weeks** 18

**Total Instructional Hours**

#### Contact Hours

**Lecture** 12.00

**Lab** 0.00

**Activity** 12.00

**Work Experience** 0.00

**Outside of Class Hours** 30.00

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**Total Contact Hours** 24

**Total Student Hours** 54

**Open Entry/Open Exit** No

**Maximum Enrollment**

**Grading Option** Letter Grade or P/NP

**Distance Education Mode of Instruction** On-Campus

### SECTION B

**General Education Information:**

### SECTION C

**Course Description**

**Repeatability** May be repeated 0 times

**Catalog Description** Vineyard practices for the summer session. Class operates NVC Student Vineyard, with an emphasis on the practical applications of viticulture theory.

**Schedule Description**

## SECTION D

### Condition on Enrollment

- 1a. **Prerequisite(s):** *None*
- 1b. **Corequisite(s):** *None*
- 1c. **Recommended:** *None*
- 1d. **Limitation on Enrollment:** *None*

## SECTION E

### Course Outline Information

#### 1. Student Learning Outcomes:

- A. Basic vineyard operations for the summer season.
- B. Applicable federal, state and local regulations.
- C. Sources of subject matter research materials.
- D. Technical writing styles appropriate to subject matter.
- E. Skills required in the workplace.

#### 2. Course Objectives: Upon completion of this course, the student will be able to:

- A. Plan and implement a canopy management program.
- B. Assess the risk of insect and disease problems.
- C. Evaluate the need for supplemental irrigation.
- D. Estimate crop levels.
- E. Plan and implement a bird damage control program.
- F.

#### 3. Course Content

- A. Canopy management
- B. Insect population evaluation
- C. Control programs for insect damage prevention
- D. Disease incidence evaluation
- E. Control programs for disease damage prevention
- F. Irrigation theory.
- G. Irrigation system operation.
- H. Bird population evaluation.
- I. Control programs for bird damage prevention.
- J. Other summer viticulture operations as needed.
- K.

#### 4. Methods of Instruction:

**5. Methods of Evaluation:** Describe the general types of evaluations for this course and provide at least two, specific examples.

Additional assessment information:

One final examination and class participation.

Examples include:

- written essay answers on final examination
- participation in vineyard operations

Letter Grade or P/NP

**6. Assignments:** State the general types of assignments for this course under the following categories and provide at least two specific examples for each section.

A. Reading Assignments

-Assigned readings from class handouts (example: "Environmental Factors Influencing Grapevine Diseases")

-Assigned readings from textbook (example: "Strategies and Methods for Controlling Birds in Vineyards")

B. Writing Assignments

Writing:

Essay or short paper (example: an essay answer on the final examination in which the student summarizes the methods used to make a crop load estimate.)

Problem Solving:

Essay or short paper (example: an essay answer on the final examination in which the student chooses a bird damage control plan based on the conditions of a real or hypothetical vineyard situation).

C. Other Assignments

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**7. Required Materials**

**A. EXAMPLES of typical college-level textbooks (for degree-applicable courses) or other print materials.**

Book #1:

Author: Dr. Stephen Krebs  
Title: VWT 229 Workbook  
Publisher: NVC Printing  
Date of Publication: 2006  
Edition: 1st

Book #2:

Author: Winkler, et al  
Title: General Viticulture  
Publisher: University of California Press  
Date of Publication: 1974  
Edition: 2nd

**B. Other required materials/supplies.**