

**VIT 60 Course Outline as of Fall 2004****CATALOG INFORMATION**

Dept and Nbr: VIT 60

Title: VINEYARD MANAGEMENT

Full Title: Vineyard Management

Last Reviewed: 9/13/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: AG 57C

**Catalog Description:**

Responsibilities of vineyard management including, diagnosis and correction of problems, vineyard development, financial projections and budgeting, labor contracting and supervision, and crop sale contracts.

**Prerequisites/Corequisites:****Recommended Preparation:**

Course Completion or Concurrent Enrollment in VIT 51 ( or AG 57A) and Course Completion or Concurrent Enrollment in VIT 52 ( or AG 57B) and Course Eligibility for ENGL 100 OR Course Eligibility for EMLS 100 ( or ESL 100)

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Responsibilities of vineyard management including, diagnosis and correction of problems, vineyard development, financial projections and budgeting, labor contracting and supervision, and crop sale contracts. (Grade Only)

Prerequisites/Corequisites:

Recommended: Course Completion or Concurrent Enrollment in VIT 51 ( or AG 57A) and Course Completion or Concurrent Enrollment in VIT 52 ( or AG 57B) and Course Eligibility for ENGL 100 OR Course Eligibility for EMLS 100 ( or ESL 100)

Limits on Enrollment:

Transfer Credit: CSU;

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective: Fall 1981	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Outcomes and Objectives:**

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

1. Summarize issues and economic impacts pertaining to the local, statewide, and international viticulture industry.
2. Describe the vineyard cycle of growth and identify viticulture practices that must be completed during each stage of vine growth.
3. Develop an annual plan of operations and budgets for vineyard operation.
4. Locate sources of vineyard materials.
6. Demonstrate an understanding of principles for hiring, training, and supervising employees.
7. Implement safety regulations and an emergency response plan.
8. Generate and execute contracts with wineries for grape sales.
9. Conduct research and locate relevant viticulture information.
10. Analyze and develop solutions for vineyard management problems.
11. Identify regulatory agencies and the roles of each.
12. Evaluate modeling programs with applications to vineyard management.

### **Topics and Scope:**

#### **I. Introduction to Vineyard Management**

##### **A. Viticulture industry today**

1. Local
2. Statewide
3. Worldwide

##### **B. Events influencing management decisions**

1. statistics
2. economic relevance
- C. Role of the vineyard manager
- D. Viticulture Information Sources
  1. Cooperative Extension
  2. Written publications
  3. Internet
  4. Evaluating information
  5. Field trials
  6. Professional consulting services
- II. Developing Vineyard Annual Plans and Budgets
  - A. Overview of the growth cycle
  - B. Vineyard annual plan and budgets
    1. Dec., Jan., Feb. activities and budgets
    2. Mar., Apr., May activities and budgets
    3. June, July, Aug. activities and budgets
    4. Sept., Oct., Nov. activities and budgets
  - C. Cultural operations timeline
  - D. Business operations timeline
- III. New Vineyard Feasibility Study
- IV. Vineyard Troubleshooting Techniques
- V. Field Trials and Professional Consulting Services
- VI. Labor Management
  - A. Principles of hiring
  - B. Supervising employees
  - C. Training employees
  - D. Use of labor contractors
  - E. Payroll
  - F. Safety
    1. OSHA (Occupational Safety and Health Administration) regulations
    2. Emergency response plan
  - G. Conflict resolution
  - H. Sexual harassment
  - I. Immigration law
- VII. Pesticide Use
  - A. Legal requirements for pesticide use compliance
  - B. Pesticide training for the workforce
- VIII. Record Keeping
  - A. Basic accounting
  - B. General records
- IX. Purchasing Materials and Supplies
- X. Regulatory Agencies
  - A. Functions
  - B. Cooperation with county agencies
- XI. Modeling Programs
  - A. For diseases
  - B. For pests
  - C. For weather stations
  - D. GPS and GIS technology

**Assignment:**

### Representative assignments:

1. Prepare an annual plan of activities for a vineyard.
2. Complete an Internet search on a viticulture topic and write a 3-5 page report.
4. Prepare a budget for selected vineyard operation.
5. Complete online Sexual Harassment training and receive a certificate of completion verifying successful completion.
6. Access a vineyard model online and modify the model based on instructor-supplied data.
- 7 Midterm; final exam.
8. Reading, 20 - 30 pages per week.

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Research report; management style paper.

Writing  
10 - 20%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Vineyard plans; materials list; budget.

Problem solving  
30 - 60%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None

Skill Demonstrations  
0 - 0%

**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion, Short answer.

Exams  
20 - 40%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Attendance/participation, successful comp. of Sexual Harassment training.

Other Category  
10 - 20%

### Representative Textbooks and Materials:

General Viticulture. Winkler, A.J. UC Press, 1974.

Grower's Guide to Environmental Regulations and Vineyards. California Association of Winegrowers, \_\_\_\_\_.

California Farm Record Book. UC Cooperative Extension.

Instructor prepared materials.

