

VIT 60 Course Outline as of Fall 2015**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 and VIT 52 and Course Eligibility for ENGL 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 and VIT 52 and

Course Eligibility for ENGL 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:

AS Degree: Area Effective: Inactive:

CSU GE: Transfer Area Effective: Inactive:

IGETC: Transfer Area Effective: Inactive:

CSU Transfer: Transferable Effective: Fall 1981 Inactive:

UC Transfer: Effective: Inactive:

CID:

Certificate/Major Applicable:

Both Certificate and Major Applicable

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Set up a business plan and annual budget for a vineyard.
2. Identify all regulatory agencies which have jurisdiction over vineyard development and maintenance.
3. Explain the record keeping and documentation required by each agency.
4. Negotiate a wine grape contract.
5. Describe proper hiring, training and supervision of vineyard employees.
6. Identify sustainable practices for vineyard operations.

Objectives:

Upon successful completion of this course, students 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.
13. Identify resources for information for sustainable vineyard practices.

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

XII. Identification of Sustainable Practices

A. California Sustainable Winegrowing Program

B. Central Coast Vineyard Team

C. Lodi Rules for Sustainable Winegrowing

D. California Association of Winegrape Growers

Assignment:

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.

Midterm and Final Exam: 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:

The Code of Sustainable Winegrowing Workbook, Wine Institute and California Association of Winegrape Growers, third edition, 2012.

Best Management Practices for Agricultural Erosion and Sediment Control, Sonoma County Agricultural Commissioner's Office, 2013.

California Farm Record Book, UC Cooperative Extension.

Instructor prepared materials.