VIT 60 Course Outline as of Fall 2022

CATALOG INFORMATION

Dept and Nbr: VIT 60 Title: VINEYARD MANAGEMENT
Full Title: Vineyard Management
Last Reviewed: 12/9/2024

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	15	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 vine problems, vineyard development, financial projections and budgeting, labor contracting, supervision of employees, and grape 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 vine problems, vineyard development, financial projections and budgeting, labor contracting, supervision of employees, and grape 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. Develop a business plan and annual budget for a vineyard.
2. Identify all regulatory agencies that have jurisdiction over vineyard development and maintenance.
3. Explain the record keeping and documentation required by each regulatory agency.
4. Discuss the negotiation and components of a wine grape contract.
5. Describe proper hiring, training and supervision of vineyard employees.
6. Identify sustainable practices for vineyard operations.

Objectives:
At the conclusion of this course, the student should 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 planting and maintenance materials.
5. Demonstrate an understanding of principles for hiring, training, and supervising employees.
6. Implement safety regulations and an emergency response plan.
7. Generate and execute contracts with wineries for grape sales.
8. Identify resources relevant to North Coast viticulture.
9. Develop solutions for vineyard management problems.
10. Discuss the roles of the various grape growing regulatory agencies.
11. Evaluate database and record keeping programs relevant to vineyard management.

Topics and Scope:

I. Introduction to Vineyard Management
   A. Viticulture trends: local, state, global
   B. Data driven management decisions
   C. Role of the vineyard manager
   D. Viticulture research and publications
      1. Cooperative Extension
      2. Peer reviewed publications
      3. Field trials
      4. Professional consulting services
II. Developing Vineyard Annual Plans and Budgets
   A. Vineyard annual plan and budgets
   B. Cultural operations timeline
   C. Business operations timeline
III. New Vineyard Feasibility Study
IV. Vineyard Troubleshooting Techniques
V. Labor Management
   A. Principles of hiring
   B. Supervising employees
   C. Training employees
   D. Use of labor contractors
   E. Payroll and benefits
   F. Safety
      1. Occupational Safety and Health Administration (OSHA) regulations
      2. Emergency response plan
   G. Conflict resolution
   H. Sexual harassment
   I. Immigration law
VI. Pesticide Use
   A. Legal requirements for pesticide use compliance
   B. Pesticide training for the employees
VII. Record Keeping
   A. Basic accounting
   B. General records
VIII. Purchasing Materials and Supplies
IX. Regulatory Agencies
   A. Functions
   B. Cooperation with county agencies
X. Risk Assessment Programs for Pest and Disease Control
   A. For weather stations
   B. GPS and GIS technology

Assignment:

1. Weekly reading (20 - 30 pages)
2. One annual plan for vineyard operations (3 - 5 pages)
3. One summary report of 2-3 peer reviewed articles (3 - 5 pages)
4. One summary report on workplace safety training and record keeping (4 - 6 pages)
5. One risk assessment plan on any topic including the following: wildfire, evacuation, adverse weather (3 - 5 pages)
6. Prepare a budget for selected vineyard operations (4 - 6 pages)
7. One midterm and final exam

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.

Vineyard operation plan, Summary reports	Writing 30 - 40%

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

Budget, Risk assessment plan	Problem solving 30 - 50%

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	Exams 20 - 40%

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

None	Other Category 0 - 0%

Representative Textbooks and Materials:
Best Management Practices for Agricultural Erosion and Sediment Control. Sonoma County Agricultural Commissioner's Office. 2019.

Various publications available on-line Sonoma County Agricultural Commissioner’s Office: Agricultural Statistics, Biocontrol, Exotic Pests, Frost Protection, Pesticide Use Enforcement. Instructor prepared materials.