

CATALOG INFORMATION

Dept and Nbr: VIT 121

Title: PRUNING TECHN VINE BAL

Full Title: Pruning Techniques for Vine Balance

Last Reviewed: 9/13/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	0.50	Lecture Scheduled	4.50	2	Lecture Scheduled	9.00
Minimum	0.50	Lab Scheduled	0	1	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	4.50		Contact Total	9.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 18.00

Total Student Learning Hours: 27.00

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

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

Also Listed As:

Formerly:

Catalog Description:

Concepts and techniques for pruning to promote wine grape vine balance.

Prerequisites/Corequisites:

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:

Description: Theory and techniques for pruning to promote wine grape vine balance. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended:

Limits on Enrollment:

Transfer Credit:

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

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

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

**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. Compare and contrast traditional and contemporary pruning methods.
2. Recommend pruning strategies for canopy management.
3. Describe pruning methods for the production of premium wine grapes.
4. Calculate pruning formulas for vine balance.
5. Troubleshoot pruning-related problems and recommend solutions.

### **Topics and Scope:**

- I. Overview of Traditional Pruning and Training Methods
- II. Modern Pruning Concepts
  - A. Growth advantage points
  - B. Pruning for canopy management
  - C. Pruning for premium wine grapes
- III. Balancing the Vine
  - A. Visual estimates
  - B. Pruning formulas
    1. Pruning weights
    2. Fruit to canopy ratios
    3. Trunk diameter formula for young vines
- IV. Troubleshooting Pruning Related Problems

### **Assignment:**

Representative assignments:

1. Reading, 10-15 pages per week.
2. Worksheets on pruning concepts and canopy management.
3. Problem sets involving pruning formulas.
4. Quiz; 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.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments are more appropriate for this course.

Writing  
0 - 0%

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

Homework problems, Worksheets.

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.

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.

Participation.

Other Category  
10 - 30%

## Representative Textbooks and Materials:

Monographs in Cool Climate Viticulture-1, Pruning and Training. Jackson, David. Daphne Brussel Assoc. Ltd., 2001.

Sunlight into Wine: A Handbook for Winegrape Canopy Management. Smart, Richard and Robinson, Mike. Winetitles, 1991.

Instructor prepared materials.