



Funded by the National Science Foundation

National Center of Excellence

Grape and Wine Education for the 21st Century

VIN 2122.01 (VIN 212) – Winter Viticulture Technology

Date: January 8 – March 30, 2018	Semester: Spring 2018
VESTA Course No.: VIN 212	Course Credit: 2 Hours
Course Name: Winter Viticulture Technology	Delivery: Online
Instructor: Patricia Chalfant	Phone: (937) 479-4278
Office Hours: By appointment via phone or email	E-mail: patricia.chalfant@redlandsc.edu

Course Description: This course is designed to provide students initiated in the field of viticulture practical experience in winter vineyard operations. Students are required to partner with an approved vineyard to participate in the required field experience portion of the course which will serve as work experience for those seeking employment in commercial viticulture.

Prerequisites: VIN 111 or instructor permission

Next Course in Sequence: VIN 214 or VIN 293

Course Objectives

Through lectures, facilitated discussions, written assignments, and field work the student who successfully completes this course will be able to:

- Identify different parts of a grapevine.
- Describe the sequence of growth events through growing and dormant seasons.
- Describe the annual and perennial growth cycles.
- Accurately identify one season old wood, diseased wood, live and dead buds, and basal buds.
- Identify vine training systems.
- Perform bud counts on single vines.
- Position renewal spurs and properly space fruiting spurs.
- Properly tie cordons.
- Explain the concept of balanced pruning.
- Calculate the number of buds to retain based on pruning weight and the appropriate balanced pruning formula for the variety being pruned.
- Prune vines using the results of the appropriate balanced pruning formula.
- Understand propagation techniques & perform at least one method of propagation.

Required Textbook

There are no textbooks required for this course. Reading materials will be assigned and provided in the online course site.

Course Schedule and Outline of Topics

Week — Dates	Wednesday Live Class Meeting	Topics
1 01/08 - 01/14	01/10	Course Overview Review of Grapevine Anatomy
2 01/15 - 01/21	01/17	Trellis Systems and Pruning Overview
3 01/22 - 01/28	01/24	Balanced Pruning Technique
4 01/29 - 02/04	01/31	Balanced Pruning Technique - Video
5 02/05 - 02/11	02/07	Balanced Pruning in Response to Cold Injury
6 02/12 - 02/18	02/14	Pruning Young Vines
7 02/19 - 02/25	02/21	Grapevine Propagation Review for Midterm Exam
8 02/26 - 03/04	—	Midterm Exam No Live Class Meeting Midterm Practicum Journal Check
9 03/05 - 03/11	03/07	Grafting
10 03/12 - 03/18	03/14	Vineyard Safety
11 03/19 - 03/25	—	Work on Pruning Project No Live Class Meeting Pruning Assignment due
12 03/26 - 03/30	03/28	Discussion of Student Pruning Projects Complete Practicum requirements as needed Submit Practicum Journal Mentor must turn in Practicum Evaluations by the end of Week 12

The instructor reserves the right to adjust the schedule as necessary.

Instructional Format

This is an online course with a synchronous component. An online course site (Learning Management System) is provided by the host institution to provide announcements, lectures, notes, supplemental printed and web-based materials, and assignments to the students. It also serves as a central point for interaction/communication between the instructor and the students.

Live Class Meetings

The live class meetings will take place every **Wednesday from 7:00 to 8:00 p.m. Central Time** via the **Zoom** web conferencing system. Participation to the live class meetings is *required* and a participation grade is assigned. This is an opportunity for the instructor to go over weekly topic highlights and for students to interact with the instructor and fellow students through questions and

discussions. Students are expected to be prepared to ask questions and actively participate in the discussions.

The link to the Zoom virtual classroom will be posted at the top of each weekly module. Students will use the *same* virtual classroom for their live class meetings the entire semester. The sessions will take place on the dates listed in the above schedule.

It is the student's responsibility to notify the instructor in advance if he/she must miss a class. Students who missed a class meeting are required to view the recording of the live class as soon as possible.

Field Practicum

There is a required **32-hour practicum component** to this course. Each student is required to identify a vineyard and mentor that would be willing to allow the student to put into practice the theory and skills learned in class.

After identifying their mentor, the student should complete the online **Field Practicum Site Form** (link available on the course site and the VESTA website) by the end of the **second** week of the semester. Upon receipt of the form, the VESTA office will send a packet of information to the mentor explaining the field practicum, the skill sets to be completed by the student, and the mentor's role in the field experience. The packet also includes a **Student Assessment Form (SAF)** for the mentor to fill out and send to the VESTA office at the conclusion of the practicum.

The course schedule is designed to allow for regional differences. Therefore, students should complete the practicum hours within the specified semester timeframe. The practicum is completed when the VESTA office receives the student/trainee evaluation from the mentor.

Course Assignments

Course assignments include weekly lectures, readings, response to weekly discussion questions and a midterm exam. There is a pruning project to demonstrate your pruning technique. Details will be provided in class. Students are also required to keep a reflective journal for practicum activities.

Weekly Lecture and Reading Assignments: Students are required to complete the weekly lecture and reading assignments posted on the online course site by the week's live class meeting time.

Weekly Questions Discussion Postings: Your instructor will post one or two weekly questions on the online course site Discussion Board. Students are required to contact their vineyard mentor in a timely manner, find and post the answer to the question(s) for that particular vineyard. Students are encouraged to respond to other students' experiences as well.

Practicum Journal: Students will be required to keep an online journal for the 32-hour practicum activities. It will be entered on the course site using the online **Journal Tool** provided. Instructions will be provided on the online course site. There will be a midterm journal check at the end of Week 8.

Midterm Exam: There will be a Midterm Exam. Students will take the exam online through the course site.

Pruning Project: Students will be asked to apply their knowledge of pruning practices by answering questions related to diagrams of vines of various ages and states of health. (The Pruning Project is in lieu of Final Exam.)

Late Material

Late assignments will not receive any credit. The instructor reserves the right, under extreme circumstances, to make exceptions to this policy.

Expectations and Instructor Feedback

Students should participate in the weekly virtual class meetings. It is also the students' responsibility to check the online course site on a regular basis, be aware of the required activities and assignments, and adhere to the deadlines. This will ensure a successful learning experience.

The instructor will make every effort to respond to student questions and complete assignment/exam grading on a timely manner.

Grading:

- 90 – 100% = A
- 80 – 89.9% = B
- 70 – 79.9% = C
- 60 – 69.9% = D
- Below 60% = F

Percentage Weight of Student Performance		
Activity	Percentage	Points
Live Class Participation	12%	120 points (at least 8 sessions for full points)
Weekly Discussions	14%	140 points (7 weeks, 20 points per week)
Midterm Exam	14%	140
Pruning Project	10%	100
Field Practicum	40%	400
Practicum Journal	10%	100
Total	100%	1000

It is the students' responsibility to see that all graded assignments and exams reach the instructor in a timely fashion.

Redlands Community College Institutional Policies

Withdrawing from the Course

Should it become necessary to withdraw, it is the student's responsibility to do so according to the guidelines in the Redlands Community College (RCC) *Student Handbook* that can be viewed and/or downloaded at: https://www.redlandsccl.edu/files/Handbook_2014-2015.pdf

**Students planning to withdraw from this course must also complete the VESTA Withdrawal/Change of Schedule form and submitting to the VESTA office.*

Attendance Policy

RCC believes that students must attend class in order to achieve the best learning results. In the case of VESTA online courses, attendance is defined as active participation in the form of attending synchronous class meetings (if applicable), completing reading/writing/testing assignments by assigned deadlines, and maintaining regular communication with course instructor via the online course site and communication tools designated by the instructor. For courses with a practicum/workshop component, students must participate and complete the number of hours of practical experience required. Instructors may assign attendance grade as part of course grade if they choose to do so.

Make-up Policy and Special Instructions

The exams can be made up only in the event of an excused absence where the instructor has prior knowledge of the absence. Allowance of make-up tests will be at the discretion of the instructor and will be taken on the date of the student's return to class.

Accommodations for Students with Special Needs

Redlands Community College is committed to making reasonable accommodations to assist individuals with disabilities. Students with documented disabilities that directly impact attendance or grades must register and request specific accommodations at the beginning of the semester. For ADA and Accessibility information go to: <https://www.redlandsccl.edu/content/accessibility>