



VIN 114 – Spring Viticulture Technology

Date: March 29-June 18 Semester: Spring 2010
Course Name: Spring Viticulture Technology
Course No.: VIN 114
Room: Online Instructor: Andrew Snyder
Course Credit: 2 Hours E-mail: snydera@redlandsc.edu
Office Hours: By appt, phone, e-mail Phone: 405 422-1420

Course Description: This course is designed to provide students initiated in the field of viticulture practical experience in spring 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 permission

Next Course in Sequence: VIN 115

Course Objectives:

Through lectures, facilitated discussions, quizzes and written assignments the student will:

- Collect a petiole sample according to vine type
- Develop and implement a vine summer fertility plan, including timing, quantities, materials and application methods
- Identify and describe major fungal diseases in a given location.
- Identify major insect pests in a given location.
- Identify major weed pests in a given location.
- Adjust existing management strategies for identified pests and diseases.
- Adjust a given spray schedule to accomplish the goals of a stated pest management program.
- List and demonstrate the steps used in sprayer calibration.
- Demonstrate proper cluster thinning.
- Demonstrate proper shoot positioning.
- Demonstrate proper leaf removal.
- List and describe the characteristics of canopy ideotype.

Text and supplemental materials:

Sunlight into wine, Smart, Richard & Robinson, Mike., Adelaide, Australia: Hyde Park, (2003).

Course assignments that are potential portfolio items: Written assignments and handout exercises.

Outline of Subject Content:

PROPOSED SCHEDULE

Week 1	Winegrape Canopies and their importance
Week 2	Quality Assurance in Vineyards
Week 3	Improving Canopy Microclimate
Week 4	Canopy Management – How to Do it
Week 5	Improved Trellis Systems
Week 6	Mid-term
Week 7	Te Kauwhata Two Tier-The U or Lyre System
Week 7	The Sylvoz System—The Ruakura Twin Two Tier
Week 8	The Economics of Canopy Management
Week 9	Common Questions about Canopy Management with Answers
Week 10	Petiole analysis, fertility plan, diseases and pests
Week 11	Sprayer Calibration
Week 12	Final Exam

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

Instructional Methods:

The instruction style will be video taped lecture delivery via the Internet.

Written Assignments:

All written assignments will be typed. Spelling and grammar are extremely important in professional writing and papers will be scored accordingly.

Grading:

Grading is on a simple point system as follows:

90-100	A
80-89	B
70-79	C
60-69	D

The percentage weight of student performance will be:

Examinations	70%
Practicum (32 hours)	<u>30%</u>
Total Grade	100%

Incomplete grades are not given in this class. Should it become necessary to withdraw, it is the student's responsibility to do so according to the guidelines in the MSU-West Plains student handbook.

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.

RCC Goals & Competencies for Student Success addressed in this course: (all will be addressed)

Goal I—Communicate Skills Competently	Goal II Solve Problems Critically	Goal III-Develop Life
Goal I Competencies	Goal II Competencies	Goal III Competencies
<i>Communicate competently By expressing ideas & Interpreting information Clearly and effectively when:</i>	<i>Solve Problems Critically</i> by: <i>Identifying the problem</i>	<i>Develop Life, education & career</i> goals by: <i>analyzing the consequences of personal decisions</i>
<i>Speaking Writing Utilizing Computers Listening Reading impact</i>	<i>Defining a problem Collecting Data Analyzing & Interpreting data Formulating Conclusions Generating possible solutions Evaluating Solutions</i>	<i>explaining the impact of arts, culture, recreation, & leisure on the individual from a global perspective. Evaluating environmental</i>

XVIII) Redlands Community College complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Students with disabilities who need special accommodations should make their request in the following way 1) talk to your instructor after class or during office hours about your disability or special need related to work in the class; and /or 2) contact Student Support Services and ask to speak to the ADA officer.