

**COURSE SYLLABUS FORMAT**  
Southeast Missouri State University

Department of   Agriculture   Course No.   HO450    
Title of Course:   Vineyard Operations and Management   Revision         
New   X  

**I. Catalog Description and Credit Hours of Course:**

Operational principles and management policies associated with for-profit vineyard enterprises.  
Two hours lecture and one 2 hr laboratory (3).

**II. Prerequisite (s):**

HO 110 or AO 120

**III. Objectives of the Course:**

- A. Understand the objectives of a for-profit vineyard operation.
- B. Understand the operational principles and management protocols for a vineyard operation.
- C. Understand the regulations, labor, marketing, sales, and shipping issues unique to vineyard operations.
- D. Understand the production and pest problems unique to different styles of vineyard operations.

**IV. Student Learning Outcomes (Minimum of 3)**

- A. Student will be able to identify site characteristics needed for a successful vineyard operation.
- B. Student will be able to specify how modern vine and trellis systems impact vine growth and management.
- C. Student will be able to isolate and specify steps to solve problems that arise in vineyards such as frost events, drought, pests, etc.

**V. Expectations of Students:**

- A. Read required material prior to class attendance and be prepared to discuss it fully and intelligently.
- B. Actively participate in class discussions
- C. Meet all announced deadlines for assignments.
- D. Read appropriate supplementary materials.
- E. Successful completion of all assignments and forum participation.
- F. Policy: Missing and/or incomplete assignments will be discounted as follows:
  - a. One day late = 25% reduction in points
  - b. Two days late = 50% reduction in points
  - c. Three days late = Zero will be recorded for the assignment
- G. Successful completion of all examinations and quizzes

**VI. Course Content or Outline (Indicate number of class hours per unit or section):**

Topic	Lecture(s)
<b>General:</b>	1 Week
Overview of the Vineyard Industries	
<b>Operations:</b>	10 Weeks
Selecting a vineyard site (1 week)	
Cultivar selection: native and hybrid varieties (2 weeks)	
Growth cycles, flowering, berry development (2 weeks)	

Structure of the vine, trellises, and training systems (2 weeks)  
 Grape propagation, rootstocks (1 week)  
 Fertilization, irrigation, soils (1 week)  
 Pests and diseases (1 week)  
**Management:** 4 Weeks  
 Management, organization, and development of a vineyard site (1 week)  
 Financial and inventory management systems unique to vineyards (1 week)  
 Laws, regulations and codes specific to vineyards (1 week)  
 Marketing and shipping procedures unique to vineyard products (1 week)

**VII. Textbook(s) and/or Other Required Materials or Equipment:**

- A. Keller, M. 2010. *The Science of Grapevines: Anatomy and Physiology*. Academic Press. ISBN: 9780123748812.  
 Creasy, G.L. and L.L. Creasy. 2009. *Grapes*. CABI. ISBN-13: 9781845934019.
- B. Selected class handouts provided by the instructor.

**VIII. Basis for Student Evaluation:**

Grades will be based on the following:

One One-Hour Exam.....	15 percent
Four Unscheduled Quizzes.....	20 percent
Four Homework Assignments.....	20 percent
Four Laboratory Assignments.....	20 percent
Classroom and Forum Participation Points.....	10 percent
One Two-Hour Final Exam (comprehensive).....	<u>15 percent</u>
Total.....	100 percent
Grading Scale: 100-90 (A), 80-89 (B), 70-79 (C), 60-69 (D), less than 60 (F)	

**Attendance and Work Ethic**

You are expected to be in class, punctually, for the entire duration of the class, each time the class is held. The official statement about attendance, derived from the Undergraduate Bulletin, may be accessed at: <http://www.semo.edu/bulletin/pdf/2006Bulletin.pdf>

**Academic honesty**

The Undergraduate Bulletin defines academic dishonesty as “...those acts which would deceive, cheat, or defraud so as to promote one’s scholastic record...,” and states that “violations of academic honesty represent a serious breach of discipline and may be considered grounds for disciplinary action, including dismissal from the university.” You are expected to understand and abide by this rule. Any academic dishonesty, including any form of cheating including plagiarism will not be tolerated and the individual will be referred to judicial affairs.

- The official statement about academic honesty, including plagiarism, may be accessed at: <http://www.semo.edu/bulletin/pdf/2006Bulletin.pdf>
- Additional information may be accessed at: <http://www6.semo.edu/judaffairs/>

**Civility and Harassment**

In this class we will maintain a climate of mutual respect and orderly conduct. Judicial Affairs is responsible for addressing such matters and that information is available at: <http://www6.semo.edu/judaffairs/>

**Disabilities**

Diversity in all its forms merit the respect of the faculty, and this applies equally to students with disabilities. Students may obtain official information about disabilities from Learning Assistance and Disability Support Services, located at: <http://www.semo.edu/cs/services/lec.htm>