

NVCC COLLEGE-WIDE COURSE CONTENT SUMMARY
VEN 140 Viticulture Pest and Disease Management (3 CR.)

COURSE INFORMATION

Investigates grape diseases, grape insects, and grape pests. Studies and evaluates methods of disease and pest control with an investigation of natural and chemical measures. Provides field experience in pest and disease management. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week. 3 credits

GENERAL COURSE PURPOSE

This course provides students with an understanding of the insects, diseases and pest of grapes. It looks at the monitoring for pests and the natural and chemical control methods for insects, diseases and pests.

ENTRY LEVEL COMPETENCIES

Completion HRT 100 or VEN 100

COURSE OBJECTIVES

Upon completion of the course students should be able to:

1. Identify common insect pests of grapes
2. Identify major diseases of grapes
3. Compare and contrast the benefits of natural and chemical control methods for insects, diseases and pests of grapes
4. Recommend specific pest control measures applicable at different times of the year
5. **Since this has a lab, what will they be able to physically DO?**

MAJOR TOPICS TO BE COVERED

1. Identification of insects that affect grapes **How about other animal pests (shrews, voles, deer...)?**
2. Identification of common diseases of pests
3. Pest monitoring techniques
4. Basic natural pest control methods
5. Basic chemical pest control methods