

**NVCC COLLEGE-WIDE COURSE CONTENT SUMMARY
VEN 110 Vineyard Establishment (3 CR.)**

COURSE INFORMATION

Reviews sites, soils and other factors that affect the planting of grapes. Covers vineyard designs, grape varieties and the training of newly planted vines. Includes weed control and pest management of new vines. Lecture 2 hrs. Laboratory 2 hrs. Total 4 hrs. per week. 3 credits.

GENERAL COURSE PURPOSE

This course provides students with an understanding of the factors that affect the planting of new grape vines including the initial training, choosing of varieties and control of weeds and pests.

ENTRY LEVEL COMPETENCIES

Completion HRT 100 is highly recommended; some knowledge of basic horticultural terminology is needed.

COURSE OBJECTIVES

Upon completion of the course students should be able to:

1. Explain the factors to consider when selecting the site on which to establish a vineyard.
2. Compare and contrast grape varieties commonly grown in Virginia.
3. Explain how to decide which grape variety/varieties to grow.
4. Describe the proper way to plant different varieties of grapes.
5. Identify common weeds and insect, fungal, bacterial and environmental diseases that affect grapes.
6. Select the best insect, disease and weed control taking into account the major concerns for weed and pest control of newly planted vines.
7. Describe how major site and environmental factors affect the future quality production of newly planted vines.
8. **Since this course has a lab, what will they be able to do physically? Design a vineyard? Plant a grape? I decided they should be able to ID pests but maybe that's not correct.**

MAJOR TOPICS TO BE COVERED

- 1 The sites and soils that affect the planting of vines
2. The other factors that affect the planting of vines
3. The control of weed and pests on newly planted vines
4. The basics of vineyard design
5. Varietal selection
6. Site selection