

PLS 597
Commercial Grape Production
Spring 2007

Instructor: Dr. Kaan Kurtural
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Course Description

An analysis of the underlying history, anatomy, physiology and cultural practices that affect the commercial production of grapes in the Commonwealth. Topics include the vegetative and reproductive anatomy, developmental physiology, climatic influences on planting considerations, culture, and nutrition of the grapevines.

Prerequisites

PLS 366 Fundamentals of Soil Science or consent of instructor
PLS 386 Plant Production Systems or consent of instructor

Objectives

1. To understand the history and economic importance of grapevines.
2. To understand the anatomy and physiology of grapevines and how they affect fruit quality.
3. To understand the cultural practices including but not limited to site selection and preparation, canopy management, common diseases and insects and harvest parameters of grapevines.

Management of Course:

Lecture: T Th 1600-1650
Laboratory Th 1700-1850*

* Laboratory times will be used for lectures until Week 9 of the semester. See the syllabus for meeting times and locations. *Your attendance is required for at least one of the sessions during Week 9, Week 13, and Week 14, and for all other sessions.* The laboratory times are held outside, so you are expected to dress for the weather.

Handouts

Handouts will be distributed. The student is responsible for maintaining this information in a notebook.

Attendance

Attendance is required at all lectures and laboratories. After two unexcused 1% will be subtracted from the final course grade for each additional unexcused absence from lecture or laboratory.

Grading

Five one-hour examinations and a comprehensive final will be given. Make-up exams will be given only with a written excuse from a doctor. Hour exams will account for 50%, reading assignments 10%, laboratory exercises 30%, and the final exam will be worth 10% of the final course grade.

The final course grade will be based on the above with 90-100% = A, 80-89% = B, 70-79% = C, 60-69% = D and below 60% = E.

Five Hour-Exams	50%
Reading assignments	10%
Labs	30%
Final	10%
Additional unexcused absence	<u>-1%</u>
	100%

Text:

Small Fruit Crop Management. Galletta, GJ and Himelrick, DG. 1990 Prentice Hall, Englewood Cliffs, NJ (required)