

SYLLABUS
OHO 373
FRUIT PRODUCTION

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Instructor: Tom E. Knight
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Office Hours: Generally 9:00 am - 12:00 noon and 1:00 pm - 4:00 pm unless in class.

COURSE DESCRIPTION

This course will entail an in depth study of the major fruit crops grown in the United States. The major exception will be the citrus and other crops restricted to the tropics. Specifically the course will deal with the common crops of Kentucky. These crops will include such tree crops as apples, peaches, plumbs, and cherries; bramble crops such as raspberries and blackberries; blueberries; grapes; and strawberries.

Each crop will be studied individually as to variety and cultivar selection, cultural requirements (such as propagation, planting, fertilization, pests, pruning, and harvesting), climatic requirements, and other characteristics specific for a particular crop. Basic production techniques will be applied to both commercial and home production for each crop. In some cases the techniques will be the same, but for others it will be quite different.

TEXT

None, however reference books and University and USDA extension publications will be used if available. Also, the use of the Internet is encouraged in regard to research for paper writing.

ATTENDANCE

Students enrolled in classes in the Agriculture Department are required to attend (ON TIME) all scheduled meetings of the class for which they are enrolled. If a student has a legitimate reason to be absent (personal illness, critical illness or death in the immediate family, or participation in an approved University activity), he or she is expected to discuss (if possible) the anticipated absence with the instructor **prior** to his or her absence and make arrangements for any make-up work that must be done. The instructor will judge the validity for the reason for an absence.

In case of an emergency of such a nature that the above requirements cannot be met, the student should inform the instructor at the first opportunity after the student's return to campus. He or she should present adequate and **documented** reasons for the absence. In all cases **it is the student's responsibility** to request the opportunity to make up work.

Absences in excess of **20% of the class meetings** will automatically result in a failing grade unless this requirement is waived by the instructor and the department chairman.

Enforcement of this policy is the responsibility of the instructor, and un-excused absences may be used as a factor in determining a grade for the course.

Class attendance will be recorded with a signature sheet with the student signing the roll at the beginning of each class. Any student attending a class late and failing to sign the class

(Attendance Policy Continued)

attendance record will be counted absent. Any student arriving late wishing to sign the class attendance record must provide a valid reason for the tardiness before being permitted to sign the record. **It is the student's responsibility** to request this late sign-in otherwise the lack of a signature will indicate an absence.

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NOTE: All students enrolled in this class are **required** to attend the College of Business and Technology **Professional Skills Conference** Friday March 28, 2003. There will be a \$5.00 registration fee to be paid to Ms. Libby Black in room 313 Combs **Before February 7th**
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GRADING

EACH STUDENT'S GRADE WILL BE BASED ON THE FOLLOWING:

- 1. **QUIZZES** - A SERIES OF QUIZZES WILL BE GIVEN THROUGHOUT THE SEMESTER.
THESE QUIZZES MAY BE ANNOUNCED OR UNANNOUNCED.
THE TOTAL POINTS ASSIGNED TO QUIZZES IS **50** .
NO MAKEUP QUIZZES WILL BE GIVEN.
- 2. **REPORT** - EACH STUDENT WILL BE REQUIRED TO WRITE A REPORT ON AN ASSIGNED TOPIC IN FRUIT PRODUCTION. THE CONTENT, FORMAT, AND LENGTH OF THE REPORT WILL BE DISCUSSED AT A LATER DATE. THE REPORT WILL BE WORTH **100** POINTS.
- 3. **MIDTERM EXAM** - A **100** POINT MIDTERM EXAM WILL BE GIVEN THURSDAY, FEBRUARY 27, 2003.
MAKE-UP EXAMS WILL BE GIVEN **ONLY WITH AN EXCUSED ABSENCE.**
- 4. **FINAL EXAM** - A FINAL EXAM WILL BE WORTH **200** POINTS AND WILL BE GIVEN AT 1:00 PM ON THURSDAY MAY, 8TH. THE EXAM WILL BE **COMPREHENSIVE.**
- 5. **PARTICIPATION** - EACH STUDENT WILL BE SUBJECTIVELY EVALUATED AS TO (BUT NOT LIMITED TO) SUCH POINTS AS ATTENDANCE, CLASS PARTICIPATION, AND EXERCISES DEALING WITH ASSIGNED ORCHARD WORK. THIS EVALUATION: **50** POINTS.

..... GRADE TOTALS	 GRADE ASSIGNMENT	
QUIZZES.....	50	A.....	500 TO 450 POINTS
REPORT.....	100	B.....	449 TO 400 POINTS
MIDTERM.....	100	C.....	399 TO 350 POINTS
FINAL EXAM.....	200	D.....	349 TO 300 POINTS
PARTICIPATION.....	<u>50</u>		
TOTAL POSSIBLE POINTS	500		

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If there is any student in this class who is in need of academic accommodations and who is registered with the Office of Services for Students with Disabilities, please make an individual appointment with the course instructor to discuss accommodations. Upon individual request, this syllabus can be made available in alternative forms. If any student who is not registered with the Office of Services for Students with Disabilities has need of academic accommodations, please contact the Office directly either in person in room 361 of the Student Services Building or by telephone at 622-1500.

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TOPIC OUTLINE

(Not particularly in the order of coverage)

01. Introduction to the science of pomology
02. Fruit origins and production centers
03. Basic plant morphology and physiology
04. Basic soils
05. Establishing a commercial orchard
06. Establishing a home fruit production area
07. Propagation of fruiting plants
08. Selecting varieties and cultivars
09. Planting techniques
10. Specific fruit cultures
 - Apples - Peaches - Strawberries
 - Pears - Plumbs - Brambles
 - Cherries - Grapes - Nectarines and Apricots
11. Fruit marketing techniques
12. Commercial and Home Wine making