

HORT 140 Course Outline as of Fall 2010

CATALOG INFORMATION

Dept and Nbr: HORT 140 Title: FRUIT TREE SEL & PLNT
Full Title: Fruit Tree Selection and Planting
Last Reviewed: 7/22/2002

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	3.00	8	Lecture Scheduled	24.00
Minimum	1.50	Lab Scheduled	0	8	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	24.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 48.00

Total Student Learning Hours: 72.00

Title 5 Category: AA Degree Applicable
Grading: Grade or P/NP
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:
Formerly: AG 297.1

Catalog Description:
Fruit tree selection, planting, and care for small orchard or home garden. Includes desirable varieties, pruning and training methods, and pest management.

Prerequisites/Corequisites:

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: Fruit tree selection, planting, and care for small orchard or home garden. Includes desirable varieties, pruning and training methods, and pest management. (Grade or P/NP)
Prerequisites/Corequisites:
Recommended:
Limits on Enrollment:
Transfer Credit:
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:		Effective:	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Not Certificate/Major Applicable

COURSE CONTENT

Outcomes and Objectives:

The student will:

1. Differentiate among the types of fruit trees.
2. Describe the three ways trees are sold and the planting techniques for each.
3. Identify desirable characteristics of a variety of fruit trees.
4. Select the best tree for a given location.
5. List the major soil separates.
6. Describe soil moisture holding capacities.
7. Describe water and fertilizer needs of a variety of fruit trees.
8. Differentiate among the three common general pruning practices.

Topics and Scope:

- I. Tree types
 - A. Dwarf
 - B. Semi-dwarf
 - C. Standard
- II. Cultural Care
 - A. Soil
 1. Types
 2. Preparation
 - B. Planting
 1. Methods
 2. Post-planting care
 - C. Fertilizer
 1. Requirements
 2. Types
 3. Application methods
 - D. Water
 1. Soil/water relationship
 2. Watering requirements

- E. Winter protection
 - 1. Temperature tolerance
 - 2. Methods of protection
- F. Pruning
 - 1. General training
 - a. central leader
 - b. modified center leader
 - c. vase
 - 2. Specific training
 - a. specie specific
 - b. espalier
 - c. hedges
 - d. establishment

Assignment:

1. Complete worksheets for lectures and videos.
2. Write a brief report on selection, planting, and care of one fruit tree.
3. Observe and critique pruning techniques on various fruit trees.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Brief report.

Writing
10 - 20%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems, Field work, Field critique.

Problem solving
30 - 50%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None

Skill Demonstrations
0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion

Exams
20 - 30%

Other: Includes any assessment tools that do not logically fit into the above categories.

Class participation.

Other Category
10 - 20%

Representative Textbooks and Materials:

Instructor prepared handouts.