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Office FE 2A
Office Hours: M,W,F - 9:00-10:00 a.m.

Reedley College
(209) 638-0361
or 638-5235

LANDSCAPE HORTICULTURE
LH 33
NURSERY & GREENHOUSE MANAGEMENT

COURSE DESCRIPTION

- **Pre-requisites** Eligible for English 25, English 26, Math 1
- **Fall Semester** 2 Lecture and 3 Lab Hours/Week 3 Units
- **Catalog Description** Nursery and greenhouse management topics and skills including growing structures, retail and wholesale nursery management, layout, regulations, and growing practices; propagation techniques and flower forcing.

COURSE MATERIALS OF INSTRUCTION

- **Materials** Three-ring binder
Casual dress recommended for lab sessions
- **Textbooks** Nursery & Greenhouse Management Syllabus, KRCC LH Staff
New Sunset Western Garden Book, Editors of Sunset

ATTENDANCE

- Attendance is required since most of the learning occurs in a lecture/laboratory situation.
- Students are responsible for obtaining notes/information missed due to an absence from the instructor.
- Please notify the instructor if you know in advance that you will be absent from class.
- College policy dictates that an instructor should drop a student with two consecutive weeks of unexcused absences.
- At the end of the 9th week of instruction, no withdrawal are permitted and the student must receive a letter grade for the class. **The last day to drop a class is Friday, October 16, 1996.**
- Class does not meet on Thursday, November 26 (Thanksgiving).

POLICY ON CHEATING & PLAGIARISM

- In keeping with the philosophy that students are entitled to the best education available, and in compliance with Board Policy 5410, each student is expected to exert an entirely honest effort toward attaining an education. Violations of this policy will result in disqualification for the course.

METHODS FOR MEASURING STUDENT ACHIEVEMENT & DETERMINE GRADES

	<u>Approx. %</u>
● Writing Assignments Laboratory reports, reading reports, written homework	7.5%
● Computational Problem Solving Homework problems, field work, exams	7.5%
● Skill Demonstrations Class performance, field work	25%
● Examinations Multiple choice, true-false, matching, short essay	60%
● Grades are determined through a numerical point system, approximately: A = 90%, B = 80-89%, C = 70-79%, D = 60-69%, F = 59% or less	

COURSE OUTCOMES/OBJECTIVES

- The student will lay out typical plans for commercial wholesale and retail nurseries.
- The student will compare and evaluate the growing structures, equipment, and tools associated with nursery and greenhouse management.
- The student will be able to properly propagate plants using commercial techniques including grafting, budding, seeding, cuttings, etc.
- The student will comprehend the basics of floriculture through a practical flower forcing unit.
- The student will be able to compare the various aspects of field growing and container growing of nursery stock utilizing the campus nursery.

COURSE OUTLINE

- **Wholesale Nursery Operations**
 - Layout
 - Greenhouse Structures
 - Propagation Units
 - Regulations
 - Environmental Factors
 - Flower Forcing Techniques
 - Nursery Management - Container Field Operations
 - Inventory Sanitation
 - Labeling Watering
 - Pest Control Fertilizing
- **Retail Nursery Operations**
 - Layout
 - Structures
 - Regulations
 - Salesmanship
- **Plant Physiology**
 - Basic Plant Breeding
 - Plant Disorders
- **Plant Propagation**
 - Asexual Techniques
 - Sexual Techniques
 - Soil Media

SCHEDULE

August 18	Week 1	Section One - Introduction, The Nursery Industry
August 25	Week 2	" " "
September 1	Week 3	Section Two - Commercial Flower Forcing
September 8	Week 4	" "
September 15	Week 5	Exam #1; Field Trip/Guest Speaker
September 22	Week 6	Section Five - Asexual Propagation
September 29	Week 7	" "
October 6	Week 8	Section Four - Sexual Propagation
October 13	Week 9	" "
October 20	Week 10	Exam #2; Field Trip/Guest Speaker (Micro-propagation)
October 27	Week 11	Section Six - Wholesale Nursery Operations
November 3	Week 12	" " "
November 10	Week 13	Section Seven - Garden Center Operations
November 17	Week 14	" " "
November 24	Week 15	Exam #3; Field Trip/Guest Speaker
December 1	Week 16	Section Three - Grafting and Budding
December 8	Week 17	Nursery Design Project - Student Presentations
December 15	Week 18	FINAL EXAM - 10:00 a.m.