

**HALT 1401
Horticulture**

Western Texas College

- I. Basic Course Information:
 - A. Course Description-A survey of the general field of horticulture, the principles and practices of propagation, the growth and fruiting habits of horticulture plants, and a section of indoor plants.
 - B. Required prerequisites-There are no prerequisites for this class.
- II. Student Learning Outcomes: Students must demonstrate knowledge and utilization of scientific nomenclature uses in horticulture, explain the environmental factors on plant growth, and identify the various facets of horticulture industry and career opportunities.
 - A. Distinguish different parts of the plant. Students will be able to identify the different parts of the plant and be able to discuss the purpose of each part.
 - B. Demonstrate how to do different methods of propagation and grafting. Each student will be asked to do at least three types of propagation.
 - C. Demonstrate knowledge of the terminology, and classification in horticulture
- III. Major Course Requirement:
 - A. Various course assignments
 - B. Four unit tests
 - C. Final exam
- IV. Information on books and other course materials:
 - A. Required Book - Introductory Horticulture by H. Edward Reiley and Carroll L. Shry, Jr., Seventh Edition
ISBN# 978-1-4018-8952-4
- V. Other policies, procedures and important dates:
 - A. Policy on Academic Integrity - Cheating and plagiarism are dishonest. Plagiarism (using, stating, offering or reporting as one's own idea, expression or production of another person) carries the penalty of being dismissed from class with a grade of F. A second violation may result in suspension from school. This is also true of cheating on exams and any other activities identified in the student handbook under this heading.
 - B. ADA Statement - Western Texas College is an equal opportunity institution and is in compliance with Americans with Disabilities Act. Any student who has a physical, emotional, or learning disability can apply for accommodations through the Counseling Center. Individual programs are designed to give students with disabilities equal access to all phases of college life.
 - C. Special Assistance – If, as a result of disability, a student needs special assistance to participate in a class, the counselor is to be notified immediately so that the prescribed process can be initiated.

D. Affirmative Action – Western Texas College is an equal opportunity institution and is in compliance with the Americans with Disabilities Act.

VI. Course Organization and Schedule

A. Weekly Course Schedule

Week 1	Getting started, Introductions, Syllabus
Week 2	Unit 1, Exploring the Horticulture Field
Week 3	Unit 2, Plant Taxonomy, How Plants are Named
Week 4	Unit 3, Parts of the Plant and Their Functions
Week 5	Unit 4, Environmental Requirements for Good Plant Growth
Week 6	Unit 5, Growth Stimulants, Retardants and Rooting Hormones
Week 7	Unit 6, Plant Propagation from Seed
Week 8	Units 7 and 8, Softwood and Hardwood Cuttings
Week 9	Units 10-12, Grafting, Budding, and Layering
Week 10	Units 13-15, Greenhouse Management and Crops
Week 11	Integrated Pest Management
Week 12	Pesticides, Fungicides, Insecticides, Herbicides
Week 13	Container Grown Plants, Fruits and Vegetables
Week 14	Using Plants in the Landscape
Week 15	Lawn and Turfgrass Establishment and Maintenance
Week 16	Finals

***Class Schedule subject to change.

Last Modified: August 18, 2015