

HALT 1491
Special Topics in Horticulture Services Operations and Management, General
Western Texas College

- I. Basic Course Information
 - A. Course description: The practical identification, cause and control of common weeds, insects and plant diseases are studied. Materials and equipment used for their prevention and control, both turfgrass and ornamental plants are practiced. As part of the course final, students must sit for the Texas Non-commercial Pesticide Applicators Exam.
- II. Student Learning Outcomes
 - A. Show Knowledge of Pest Control Terminology-Each student will become knowledgeable of general pest control terminology as published in the General Manual for Texas Pesticide Applicator Training published by the Texas Agricultural Extension Service.
 - B. Demonstrate knowledge of federal, state and local laws governing pesticide use.-Each student will become knowledgeable of federal, state and local laws governing pesticide use found in the Texas Pesticide Applicator Training Manual on Laws and Regulations.
 - C. Recommend proper pest control methods and procedures-Each student will be given a pest management problem and ask to explain through a class demonstration / presentation different pest control strategies that might be used to control the pest problem and to also present methods and procedures for managing the pest problem. Strategies to control pest problem should include monitoring pest population, cultural, biological and chemical control as a last resort. Methods of pest control to choose from are spraying different pesticide formulations, applying granular pest control products, using baits, dusts and aerosols.
- III. Major Course Requirements
 - A. Exams, Labs, Attendance with daily assignments
Exams – 25%
Lab (Attendance 15%, Participation10%) – 25%
Attendance and daily assignments – 25%
Final Exam – 25%
- IV. Information on Books and Other Course Materials
 - A. Weeds of Southern Turfgrass by Tim R. Murphy Latest Edition ISBN #ANR-616
Study Guides: Laws and Regulations, General, Turf & Ornamentals
Texas A&M Extension Service
- V. Other Policies, Procedures and important dates. Please refer to the WTC [Catalog](#) for the following:
 - A. Campus Calendar
 - B. Final exam schedule
 - C. How to drop a class.
 - D. Withdrawal information

- E. Student Conduct/Academic Integrity
 - F. Class Attendance
 - G. Students with disabilities
- VI. Course Content

Week Number	Section/Online Work
Week 1	Getting Started Introductions. Course syllabus. Read – General Chapters 1,2,3
Week 2	Discuss chapters 1,2,3 Read chapters 4,5,7
Week 3	Discuss chapters 4,5,7 Study test chapters 1,2,3,4,5,7
Week 4	Test Read chapters 8,9,11
Week 5	Hand back test. Go over test. Discuss chapters 8,9,11. Read chapters 12, 13, 14
Week 6	Discuss chapters 12, 13, 14. Study for test chapters 8, 9, 11, 12, 13, 14
Week 7	Test chapters 8, 9, 11, 12, 13, 14. Read chapters 15, 18, 19.
Week 8	Discuss chapters 15, 18, 19. Read chapters 19, 20, 21, 22
Week 9	Discuss chapters 19, 20, 21, 22. Study for test after spring break on 19, 20, 21, 22
Week 10	
Week 11	Test chapters 19, 20, 21, 22. Read chapters 1, 2, 3 in Turf and Ornamentals
Week 12	Hand back test. Discuss test. Discuss chapters 1, 2, 3. Read chapters 4, 5, 6 in Turf and Ornamentals
Week 13	Discuss chapters 4, 5, 6 Read study guide handout and start completing study guide on Laws and Regs.
Week 14	Discuss laws and regs study guide
Week 15	Discuss laws and regs study guide.
Week 16	Final Exam

Disclaimer: The above schedule, policies, procedures and assignments in this course are subject to change.

Last Modified: August 16, 2016