

AGCR 1403
Crop Science
Western Texas College

- I. Basic Course Information
 - A. Course Description: Fundamentals of the development, production, and management of field crops. Topics include the classification and distribution of field crops, botany, soils, plant breeding, pest management, and harvesting.
 - B. Prerequisites: None

- II. Student Learning Outcomes
 - A. Classify field crops according to morphology, use, and distribution
 - B. Relate basic plant biology to crop production
 - C. Describe basic crop production factors including soils, fertilizers, pest management, tillage practices, crop rotations, and harvesting

- III. Major Course Requirements
 - A. Internet iCEV Lessons
 - B. Demonstrations
 - C. Presentations
 - D. Reading
 - E. Field Trips and Field Works

- IV. Information on Books and other Course Materials
 - A. None Required

- V. Other Policies, Procedures and Important Dates: Please refer to the WTC Course 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 Organization and Schedule

Week	Topic
Week 1	Course Introduction
Week 2	Origin, Classification, and Geographic Distribution of Field Crops
Week 3-4	Crop Environmental Factors
Week 5-7	Growth and Development of Crop Plants
Week 8-9	Cropping Systems and Practices
Week 10-11	Integrated Pest Management
Week 12	Harvesting, and Storing
Week 13-14	Crop Breeding and Improvement
Week 15	Review
Week 16	Final

*Disclaimer: Schedule, content and grading percentages are subject to change at the instructor's discretion.