# AGRONOMY

**Class**

AGRI 1407

Purpose: Principles and practices in the development, production, and management of field crops including growth and development, climate, plant requirements, pest management, and production methods. Laboratory activities will reinforce the fundamental principles and practices in the development, production, and management of field crops including growth and development, climate, plant requirements, pest management, and production methods. Description: Principles and practices in the development, production, and management of field crops including plant breeding, plant diseases, soils, insect control, and weed control. Classification and distribution of farm crops; importance of good varieties and good seed; crop improvement; preparation of the seed bed; commercial fertilizers; harvesting; meadow and pasture management; weeds; crop rotation; disease and insect enemies. Three hours lecture, three hours laboratory per week

**Required Textbooks**

Principles of Field Crop Production, Martin, J. H. et al Pearson Prentice Hall

**Evaluation Standards**

Instructor evaluation of the student's competency in each subject area will be measured during the semester by daily attendance/participation, written examination and by laboratory exercises.

Attendance 25%
Tests & Term Paper 25%
Lab 25%
Final Exam 25%
Total 100%

Grades will be based on the percentages made from each of the areas listed above along with attitude, attendance, and participation.

**Disabilities**

**ADA Statement:**

Any student with a documented disability (e.g. learning, psychiatric, vision, hearing, etc.) may contact the Office on the Weatherford College Weatherford Campus to request reasonable accommodations. *Phone:* 817-598-6350 *Office Location:* Office Number 118 in the Student Services Building, upper floor. *Physical Address:* Weatherford College 225 College Park Drive Weatherford, TX.

**Academic Integrity**

Academic Integrity is fundamental to the educational mission of Weatherford College, and the College expects its students to maintain high standards of personal and scholarly conduct. Academic dishonesty of any kind will not be tolerated. Academic dishonesty includes, but is not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource materials including unauthorized use of Generative AI. Departments may adopt discipline specific guidelines on Generative AI usage approved by the instructional dean. Any student who is demonstrated to have engaged in any of these activities will be subject to immediate disciplinary action in accordance with institutional procedures.