

Sam Houston State University  
College of Agricultural Science and Industrial Technology  
Fall 2007

**Department:** Agricultural Science

**Course # and Title:** AGR 165 - Plant Science  
Lecture: MW 8:00 – 8:50 AM; TTH 11:00 – 11:50 AM  
Lab: M 1:00 – 2:50; TU 3:00 – 4:50;  
WE 1:00 – 2:50, 3:00 – 4:50

**Instructor:** Sharon Frey, Lecturer  
Office: 311b Thomason Bldg.  
Phone: 936 294 1224  
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**Text:** Hartmann's Plant Science: Growth, Development, and Utilization  
Of Cultivated Plants 3<sup>rd</sup> Ed. Prentice-Hall  
Margaret McMahan, A.M. Kofranek, and V.E. Rubatzky

**Course Description:** Basic plant morphology, classification, propagation, and crop improvement are topics discussed along with growth and development of crop plants. An introduction to soils, climate, and plant protection follow with a final overview of the major groups of cultivated plants.

**Course Objective:** Upon completion of this course, students should:

- have an understanding of the role and importance of higher plants in the living world.
- be able to define and describe various plant growth and developmental processes.
- be able to establish the relationship between plant, environment, animals and human beings.
- be able to use the acquired knowledge to solve basic plant related problems.

**Course Outline and Topics:**

- Introduction and the Role of Higher Plants in the Living World
- Higher Plant Structure
- Plant classification and plant nomenclature
- Improvement of Crop Plants
- Plant Propagation
- Growth and Development of Plants
- Metabolic Processes in Plants
- Soil and Soil Water
- Soil Management and Mineral Nutrition

- Biological Competitors of Useful Plants
- Harvest, Preparation, Transportation, Storage, and Marketing

**Course Evaluation:**

2 lecture Exams @ 100 pts. Each	200
Final Exam (comprehensive)	200
Lecture quizzes (5 unannounced @ 20pts each)	100
Lab quizzes 5 @ 25 each	125
Lab participation 12 @ 15 pts. each	180
Lab Journal Reports 8 @ 50pts. each (Includes Data Report; Results & Discussion)	400
Lab Project and Presentation	<u>100</u>
<b>Total Points</b>	<b>1305</b>

**Grading Scale:**

<u>Grade</u>	<u>Points Earned</u>
A	1175-1305
B	1044-1174
C	913-1043
D	783-912
F	782 or less

**Final Exam Date:**

**Lab manual is available at campus bookstore, Barnes & Noble**

**Department of Agricultural Sciences Attendance Policy**

1. Regular and punctual attendance is expected of each student in the Department of Agricultural Sciences at Sam Houston State University.
2. If a student misses **three or more classes**, the student's grade will be reduced by one letter grade. Additional penalties may be assessed at the discretion of the instructor.
3. Three unexcused or unjustified tardies or early departures are considered as one absence.
4. Excused absences must be documented by the student with a letter of confirmation from the sponsoring student organization, professor or doctor. Exemptions will include participation in departmental activities when prior approval is attained from the Department Chair.
5. No exams or assignment will be given at alternative times unless arrangements are made with the professor/instructor before the scheduled activity occurs.

**Academic Dishonesty**

*All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of*

*dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.*

### **Classroom Rules of Conduct**

*Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. Cellular telephones and pagers must be turned off before class begins. Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers, sleeping, talking at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.*

### **Visitors in the Classroom**

*Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.*

### **Student Absences on Religious Holy Days**

*Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student who is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.*

*University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). This request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur. The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.*

### **American with Disabilities Act**

*SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then you are encouraged to register with the SHSU Counseling Center and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Counseling Center .*

