

Sam Houston State University  
Department of Agricultural Sciences  
Fall 2017

**Course Number/Title:** PLSC 3374 – Production and Management of Ornamentals  
Lecture: Fred Pirkle Bldg. 210C TR 8:00 – 8:50 AM  
Lab: Farrington 219 T 1:00 – 2:50 PM  
(lab will meet at various locations throughout the semester)

**Instructor:** Dr. Tim Pannkuk, associate professor  
450H Pirkle Bldg. 294-3333 [agr\\_trp@shsu.edu](mailto:agr_trp@shsu.edu)  
Office Hours: MW 8 – 10; TR 9 – 10; R 1-3; Friday by appointment

**Text:** Greenhouse Operation & Management, 6<sup>th</sup> or 7<sup>th</sup> Ed., Nelson, Paul, PrenHall Publ.  
PLSC 3374 Lab Manual, Eagle Graphics Inc., Huntsville  
A 3-ring binder will be required for a lab journal & lab work.

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

- be familiar with the history of the greenhouse and nursery industry
- understand the impact of ornamental plant production in the agricultural economy of Texas
- be familiar with common production principles and practices
- understand factors that affect production practices
- have an understanding of distribution and marketing in the greenhouse and nursery industry

The overall goal of the course is to prepare the student for a job in the plant production industry, and to make the student feel at ease in discussing greenhouse issues with colleagues and industry personnel.

- Course Outline:**
- Introduction - history and economic importance
  - Nursery and greenhouse industry - classification, types of greenhouses, allied trades and associations
  - Environmental effects of basic physiological processes
  - Irrigation systems
  - Root substrates - function, components, preparation and handling, and economics
  - Fertilizers
  - Environmental control systems for greenhouses - heating, cooling, and controls

- Containers and production systems
- Growth regulators
- Insect control
- Disease control

**Course Evaluation:**

Lecture Exams 2@ 100 points each	200
Final Exam	100
Lab assignments	100
Lab Work and Lab Journal	50
Field trip report	<u>50</u>
	500

**Grading Scale:**

<u>Grade</u>	<u>Points Earned</u>
A	90%+ of point total
B	80-89%
C	70-79%
D	60-69%
F	up through 59%

**Final Exam Date:** Tuesday Dec 5, 2017 @ 8:00 AM

**ACADEMIC HONESTY:**

*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.*

### **USE OF TOBACCO AND TOBACCO PRODUCTS:**

*Sam Houston State University is a tobacco free campus and all tobacco products are prohibited in all buildings and outdoor public areas on campus.*

### **TELEPHONE AND ELECTRONIC DEVICES**

*The use by students of electronic devices that perform the function of a telephone or text messenger during class-time is prohibited. Arrangements for handling potential emergency situations may be granted at my discretion. Failure to comply with this policy could result in expulsion from the classroom or with multiple offenses, failure of the course.*

*Any use of a telephone or text messenger or any device that performs these functions during a test period is prohibited. These devices should not be present during a test or should be stored securely in such a way that they cannot be seen or used by the student. Even the visible presence of such a device during the test period will result in a zero for that test. Use of these devices during a test is considered de facto evidence of cheating and results in a charge of academic dishonesty.*

### **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.*

### **ATTENDANCE POLICY:**

*Following the Department of Agricultural Sciences Attendance Policy, students will be allowed one unexcused day of absence (3 hours) without penalty. Each unexcused absence beyond that will result in a loss of a half letter grade following final grade tabulation.*

### **STUDENT ABSENCES ON RELIGIOUS HOLY DAYS POLICY**

*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 whose absence 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.*

### **Americans 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 I encourage you 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.*