

Sam Houston State University  
College of Sciences  
Department of Agricultural Sciences  
Fall 2017

**Course # and Title:** PLSC 1107.04 – GHL, CRN 80535  
Wednesday 3:00-4:50pm  
(Horticulture Complex 2348 Ave M)

**Lab Instructor:**

**Liz Brindza**  
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Phone: 281-222-8429  
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**Text:** PLSC 1107 Plant Science Laboratory Manual by Sharon Frey, Timothy Pannkuk is available at the Campus Book Store, Barnes & Noble. Students are required to have this manual. Copied pages will not be accepted for a grade.

**Course Description:** Labs are designed to provide maximum opportunity to learn exercises in growth and development of plants. This lab involves hands-on experiments conducted by the student in the greenhouse or in the field growing primarily herbaceous plants.

**Course Objective:** Upon completion the students should 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.
- Use the acquired knowledge to solve basic plant related problems.
- Evaluate an experiment by collecting pertinent data, making observations and discussing results in a scientific format.

**Course Outline and Topics will include but not limited to:**

- Recognition of Plant Structures
- Sexual Plant Propagation
- Effect of Growing Media on Plant Growth
- Asexual Plant Propagation Techniques
- Effects of Water on Plant Growth
- Hydroponics and Aquaponics
- Plant Identification Techniques
- Biological Competitors
- Sustainability
- Woody Plants & Pruning Techniques

**Course Evaluation:**

Lab participation @ 10 pts per lab	120
Lab Reports 2 @ 120 pts ea.	240
Lab Activities	530
Assignments	?

**Course Evaluation Description**

- Lab participation—attendance is of the utmost importance for you and your lab group.  
Lab is a group effort that requires each member to participate in setting up the experiment and watering DAILY, if necessary, including weekends. Labs missed due to excused absence must be made up within the week. It is your responsibility to make the necessary arrangements with the instructor.
- Discussion Questions—. Typed discussion questions are **DUE at your SCHEDULED LAB**, otherwise considered late (25 points deducted for each DAY late).
- Lab Reports--Typed lab reports are required for all labs using the laboratory format provided in the lab manual. It should be clear, concise and written in a scholarly manner. Students will write their own individual lab report. **Reports are DUE at your SCHEDULED LAB**, otherwise considered late (25 points deducted for each DAY late).  
**Turn in a hardcopy on due date, and submit to [www.turnitin.com](http://www.turnitin.com)**
- Assignments will be scheduled throughout the semester (quizzes, worksheets).

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

**TOBACCO POLICY**

*In order to promote a healthy, safe, and aesthetically pleasing work, educational, and living environment, Sam Houston State University (SHSU) will endorse a smoke free and tobacco free environment. The primary purpose of this policy is to establish guidelines prohibiting smoking and the use of all tobacco products. Tobacco products include cigarettes, cigars, pipes, smokeless tobacco, and all other tobacco products. This policy applies to all faculty, staff, students, employees of contractors, and visitors of Sam Houston State University on the premises of the university.*

**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 tardiness 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 .*

**Use of Telephone and Text Messaging in Academic Classrooms and Facilities**

*Any use of a telephone or text messaging or any device that performs these functions during class is considered rude and inconsiderate of others in the class. Please refrain from such actions. If considered an emergency use please leave the classroom.*

*Use of such devices is prohibited during a test period, quiz or any in class written assignment. The visible presence of such a device during these times will result in a zero for that test, quiz or assignment. Store them in such a way that they cannot be seen or used by the student. Use of these devices during these times is considered a de facto evidence of cheating and could result in a charge of academic dishonesty (see student code of conduct <http://www.shsu.edu/students/guide/StudentGuidelines2010-2012.pdf#page=29>).*