



**PLS 1107 Intro. to Plant Science Lab
COURSE SYLLABUS: Fall 2016**

Instructor: Curtis A. Jones, Ph.D
Assistant Professor – Plant and Soil Science
Office Location: AgIT 145
Office Hours: 10:00 am – 10:50 am Monday, Wednesday and Friday
12:15 pm – 12:50 Tuesday and Thursday
Or by appointment
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COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings:

No text Required All materials will be provided via T-drive.

Course Description:

An introduction to the principles of plant growth, general crop production, and production horticulture.

Student Learning Outcomes:

1. Introduce students to the basic concepts of plant science.
2. Develop the students' understanding and comprehension of food, fiber, forage, and fuel crops.
3. Develop the students' appreciation for the complexity and importance of plant/environment interactions
4. Develop students understanding equipment used in crop production.

COURSE REQUIREMENTS

Instructional / Methods / Activities Assessments

Exams: midterm 100 point exam, one 200 point final exam

Student Learning Outcomes 1 , 2, 3, & 4

Assessment: Vocabulary, Multiple Choice, True/False, and Short Answer Exam, ID

Quizzes: Ten 10 point quizzes

Student Learning Outcomes 1 , 2, 3, & 4

Assessment: Vocabulary, Multiple Choice, True/False, and Short Answer Exam

Presentation: Group Presentation, Individual Presentations

Student Learning Outcomes: 2 & 4

Assessment: Graded according to the presentation rubric

Grading

Midterm	100 points
Quizzes	100 points
Lab Reports	100 points
Participation	100 points
Plant collection	100 points
Individual Presentation	100 points
Final Exam	200 points

A	90% or greater = B
80 to 89.99% = C	70 to
79.99% = D	60 to
69.99% = F	< 60% =

Lab Topics
Lab Intro- Syllabus, expectations, seed germination.
Seed germination
Plant parts (broad leaf)
Plant parts (grasses)
Experiments
Sprayer Calibration
Herbicide Symptoms
Herbicide Symptoms
Photosynthesis
Crop Equipment and how it works
TBA this is a floating lab in case of inclement weather.
Lab Practical (comprehensive): Given during the last lab session
All labs are subject to change.

TECHNOLOGY REQUIREMENTS

To be successful in the course, you will be provided access to university computers and facilities. The following items are available on university computers for your use.

1. Access to T: drive
2. MS Word
3. MS PowerPoint

These items will be helpful for you, should you need to work at home.

1. Flash drive
2. MS Office or compatible software
3. High-speed internet for access to Web Soil Survey at home.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures:

You may bring drinks to class. Please finish any meals before class begins. The use of tobacco products during class time is strictly prohibited.

Cheating of any kind will not be tolerated. Copying of others' work, use of disallowed material on exams, plagiarism in assignments or cheating in any other form as defined by the instructor will result in a grade of zero for that assignment. Multiple infractions will result in a grade of 'F' for the course and possible expulsion.

University Specific Procedures:

ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

StudentDisabilityServices@tamuc.edu

[Student Disability Resources & Services](#)

Student Conduct

Students are expected to respect the rights of others in the class. Cell phones and other electronic equipment should be turned off prior to the beginning of class. Use of these items during class time, or any other unwarranted classroom disruption, will result in your immediate excusal from class for the remainder of the period.

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See *Code of Student Conduct from Student Guide Handbook*).

TAMUC Attendance

For more information about the attendance policy please visit the Attendance webpage and Procedure 13.99.99.R0.01.

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

Undergraduate Academic Dishonesty 13.99.99.R0.03

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

Graduate Student Academic Dishonesty 13.99.99.R0.10

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf>

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the Carrying Concealed Handguns On Campus document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1