Lab Syllabus

Lab Instructor:
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Teaching Assistant:
Tim Baxley

Lab Description:
All aspects of plant propagation will be studied that include methods of propagating by seeds, bulbs, divisions, layers, cuttings, budding, grafting, and micropropagation. The timing, technique, and material for making cuttings, environmental conditions, and media requirements for rooting cuttings of various plants will be studied. Propagation structures, soils, and fertilizer requirements will be reviewed. Emphasis is placed on applying the basic principles of plant propagation during hands on laboratory procedures. Labs will be coordinated with concepts learned in lecture. Commercial applications will be demonstrated on site at nurseries.

Prerequisite:
Enrollment in PLS 3223/5222

Lab Meeting Time and Location

Thursday (5:00 pm-7:00 pm)
WFREC Bldg 4800

Students will be also encouraged to attend occasional field trips
Lab Objectives:
1. To understand experimental design, procedures and data interpretation related to plant propagation studies.
2. To develop a level of skill in the art of plant propagation by seeds and vegetative organs.
3. To develop confidence in data collection and written and oral presentation of results.
4. To stimulate critical thinking through discussions, outside reading assignments, outside projects, and field practice.
5. To develop a vocabulary of plant propagation terminology and its proper use orally and in writing.
6. To encourage an interest, understanding, and appreciation of the principles and techniques of plant propagation.

Academic Honesty:
In adopting the following honor code, the students of University of Florida recognize that academic honesty and integrity are fundamental values of the university community. Any individual who becomes aware of a violation of the honor code is bound by honor to take corrective action (www.dso.ufl.edu/stg).

The Honor Code: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honest and integrity.

Suggested Readings:


Attendance and Participation Policy:
Students are expected to attend and participate in lab. If you miss lab, you are responsible for getting the necessary material covered. Participation may be a deciding factor in determining borderline grades. There will be no make up labs. Each day an assignment is late, its value will be reduced by 10%.

Student Evaluation:
Grades will be based on performance of the following:

- Laboratory questions: 40%
- Laboratory Exercise Reports: 40%
- Oral presentation of laboratory summaries: 5%
- Lab Practical Exam: 15%

Grading Policy:
Final grades will be based on the following scale:

- 94-100% A
- 90-93% A-
- 87-89% B+
- 83-86% B
- 80-82% B-
- 77-79% C+
- 73-76% C
- 70-72% C-
- 67-69% D+
- 63-66% D
- 60-62% D-
- ≤59% E

Computer Requirement:
Access to and on-going use of a computer are required of all students to complete their degree programs successfully. The university expects each student entering the university and continuing students to acquire computer hardware and software appropriate to the degree program. Competency in the basic use of a computer is a requirement for graduation (www.circa.ufl.edu/computers).

Counseling Center:
The University Counseling Center offers counseling services to currently enrolled students for personal, career and educational concerns (www.counsel.ufl.edu).
Academic Honesty:

In 1995 the UF student body enacted an honor code and voluntarily committed itself to the highest standards of honesty and integrity. When students enroll at the University, they commit themselves to the standard drafted and enacted by students.

In adopting this Honor Code, the students of the University of Florida recognize that academic honesty and integrity are fundamental values of the University community. Students who enroll at the University commit to holding themselves and their peers to the high standard of honor required by the Honor Code. Any individual who becomes aware of a violation of the Honor Code is bound by honor to take corrective action. Student and faculty support are crucial to the success of the Honor Code. The quality of a University of Florida education is dependent upon the community acceptance and enforcement of the Honor Code.

The Honor Pledge: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code.

On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." (source: 2011-2012 UF Undergraduate Catalog http://www.dso.ufl.edu/sccr/honorcodes/honorcode.php)

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams).

Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code.

Software Use:

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate.

Online Course Evaluation Process:

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students will have the opportunity to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at https://evaluations.ufl.edu. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. It is expected that you will contribute your feedback for this course and the others in which you are enrolled this term. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results.
Campus Helping Resources:

Students experiencing crisis or personal problems that interfere with their general wellbeing are encouraged to utilize the university’s counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available for students having personal problems or lacking clear career and academic goals, which interfere with their academic performance.

- University Counseling and Wellness Center, 3190 Radio Road, Gainesville, (352)392-1575, [www.counseling.ufl.edu/cwc/](http://www.counseling.ufl.edu/cwc/)
  - Counseling Services
  - Groups and Workshops
  - Outreach and Consultation
  - Self-Help Library
  - Training Programs
  - Community Provider Database

- The Career Resource Center, First Floor J. Wayne Reitz Union, Gainesville, (352) 392-1601, [www.crc.ufl.edu/](http://www.crc.ufl.edu/)

Students with Disabilities:

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes the registration of disabilities, academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services, and mediating faculty-student disability related issues.

- Disability Resource Center, 0001 Reid Hall, Gainesville, (352) 392-8565, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)