

PLS 1315 Introduction to Horticulture

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Ag/IT 135

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Virtual Office Hours - M-F 8:00 - 9:00 am, 4:00 - 5:00 pm

Course Description

This course is designed to introduce the student to the basic concepts and skills utilized in horticulture. Students will receive an introduction to basic botanical concepts such as morphology, anatomy, taxonomy, physiology, genetics and propagation as they apply to horticulture.

Student Learning Outcomes

1. Students will demonstrate an understanding of and be able to communicate well concerning basic botanical concepts such as plant taxonomy, morphology, anatomy, physiology, mineral nutrition, reproduction, and genetics as they apply to horticultural crops.
2. Students will recognize plant responses to changing environmental conditions, such as drought, heat, cold, and changes in light (blue-light responses, red-light responses, photoperiodism)
3. Acquaint the student with the broad field of horticulture including greenhouse and nursery crops, ornamental horticulture, pomology, and olericulture.
4. Students will be able to analyze, evaluate, or solve problems when given a set of circumstances or data.
5. Student communication will be clear, purposeful, and make appropriate use of evidence, data and technology where applicable.
6. Students will be able to interpret, test, and demonstrate principles revealed in empirical data.
7. Students will be able to engage with peers in a project that demonstrates their understanding of relevant course theories and concepts.

Grading

Exams (5)	500
Final Exam	100
Assignments (10)	100
Plant Papers (4)	100
Total	800

Grade Assignment

A = 720+
B = 640 - 719
C = 560 - 639
D = 480 - 559
F = <480

Course Specific Procedures

All students enrolled at Texas A&M University - Commerce shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. Students are expected to respect the rights of others in the class. Posts in discussions, chat, or any other portion of this course shall not include any items of a vulgar or profane nature.

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.

Students requesting accommodations for disabilities must go through the Academic Support Committee. For more information, please contact the Director of Disability Resources and Services, Halladay Student Services Building, Rm. 303D, (903) 886-5835.