



Intro to Horticulture

Course Syllabus: Spring 2017

“Northeast Texas Community College exists to provide responsible, exemplary learning opportunities.”

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| Office Hours | Monday | Tuesday | Wednesday | Thursday | Friday | |
|--------------|--------|------------|-----------|------------|--------|--|
| | N/A | 12:20-1:00 | N/A | 12:20-1:00 | N/A | |

The information contained in this syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.

Catalog Course Description: Three hours of lecture each week. Co-requisites: Agriculture majors are required to enroll in AGRI 1115. Structure, growth, and development of horticulture plants from a practical and scientific approach. Environmental effects, basic principles of propagation, greenhouse and outdoor production, nutrition, pruning, chemical control of growth, pest control, and landscaping.

Required Textbook:

Horticulture Principles and Practices, 4/E
George Acquaah
Bowie State University, Maryland

Publisher: Prentice Hall

ISBN Number: 9780131592476

Student Learning Outcomes:

1. Students will demonstrate an understanding of the study of structure, growth, and development of horticultural plants from a practical and scientific approach.
2. Students will demonstrate a knowledge and understanding of the environmental effects, basic principles of propagation, greenhouse and outdoor production, nutrition, pruning, chemical control of growth, pest control, and landscaping.
3. Students will be able to understand and demonstrate their knowledge pertaining to plant taxonomic relationships.
4. Students will demonstrate through weekly laboratory experiences their knowledge of how plants differ in reproduction; understanding soil differences; plant production; harvesting and other horticulture related topics.
5. List elements essential to plant growth and describe their functions and deficiency symptoms in plants.
6. Students will demonstrate knowledge of careers, professional organizations, and training available for horticulturalist.

Lectures & Discussions:

This course will be held on Tuesdays and Thursdays in AGC117 from 8:00-9:20. The course will consist of classroom lectures using multimedia presentations as well as classroom discussions. Labs will consist of hands on learning, demonstrations, and field trips.

Evaluation/Grading Policy:

Grades will be computed as follows:

| | |
|------------------------------|-----|
| (3) Exams: | 60% |
| Group Project: | 15% |
| Writing Assignment | 15% |
| Class Participation/Quizzes: | 10% |

Tests/Exams:

There will be 3 exams accounting for 60% of your overall grade. Exams will be multiple-choice matching, short answer, true/false and essays developed from the textbook, labs and lectures.

Group Project:

Students are required to work in a group to discuss the landscaping options for the front entry of the Elizabeth Hoggatt Whatley Agriculture Complex. Students will be required to discuss the pros and cons of different varieties of flowers, shrubs, trees and herbs. Students will calculate the expected cost plants, mulch, fertilizer, water and any other needs for the entry design. More information will be given.

Writing Assignment:

Each student is required to write a position paper on a topic of their choosing from a list provided by the instructor. The student will research the topic, form an opinion based on scientific research and write a 3-5 page paper with at least 3 citations supporting your opinion and scientific facts. Your grade will be based on your ability to write a factual report in a logical and systematic manner.

Quizzes:

Quizzes are unannounced and may be held during class or labs. There will be no make-ups for quizzes. Students should arrive on time and be ready with a pen or pencil and notebook paper.

Other Course Requirements:

Student are required to dress appropriately for lab; this includes closed toed shoes, safety glasses(when required), and appropriate dress for working outdoors.

Student Responsibilities/Expectations:

Students are required to participate in both classroom and lab activities. Participation is 10% of the final grade and attendance is required to participate. Students are expected to be on time and ready to begin when classes start at 9:30am. Student should be courteous and treat one another with respect to allow for a peaceful and effective learning environment.

NTCC Academic Honesty Statement:

"Students are expected to complete course work in an honest manner, using their intellects and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. NTCC upholds the highest standards of academic integrity. This course will follow the NTCC Academic Honesty policy stated in the Student Handbook."

Academic Ethics

The college expects all students to engage in academic pursuits in a manner that is beyond reproach. Students are expected to maintain complete honesty and integrity in their academic pursuit. Academic dishonesty such as cheating, plagiarism, or collusion is unacceptable and will result in disciplinary action. Refer to the student handbook for more information on this subject.

ADA Statement:

It is the policy of NTCC to provide reasonable accommodations for qualified individuals with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to arrange an appointment with a College counselor to obtain a Request for Accommodations form. For more information, please refer to the NTCC Catalog or Student Handbook.

Family Educational Rights And Privacy Act (Ferpa):

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered "eligible students." In essence, a parent has no legal right to obtain information concerning the child's college records without the written consent of the student. In compliance with FERPA, information classified as "directory information" may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student's name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.

Other Course Policies:

The use of cell phones or texting devices is prohibited during class and lab. Students caught using these devices will be asked to leave and will lose participation points. NTCC tobacco policy will be enforced and violators will be asked to leave.