



Horticulture Agri 1315

Course Syllabus: Spring 2024

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

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Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday	
	1 to 3 pm	8:00-9:20am class	1 to 3 pm	8:00-9:20am class	By apt. only	

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: Structure, growth, and development of horticultural plants. Examination of environmental effects, basic principles of reproduction, production methods ranging from outdoor to controlled climates, nutrition, and pest management. (Cross-listed as HORT 1301). The introduction of fundamental horticulture and biological concepts relevant to plant physiology, life cycle, growth and development. Agriculture majors required to take Horticulture Lab AGRI 1115 as a co-requisite. Three hours of lecture each week.

Optional Textbook:

Practical Horticulture, 7/E
Laura Williams Rice
Robert P. Rice, Jr., California Polytechnic State University
Publisher: Prentice Hall
ISBN Number: 0135038669

LEARNING OUTCOMES

Upon successful completion of this course, students will:

1. Identify the various horticultural industries and their roles in our society.
2. Describe the fundamentals of plant science
3. Assess the interactions of soils, water, and fertility in plant science.
4. Contrast the methods of plant reproduction and propagation.
5. Explain the impacts of production methods and technologies on plant science.
6. Contrast methods of pest management in plant science.
7. Investigate methods of environmental manipulation (e.g. greenhouse controls, frost management methods, and low hoop house structures).

Required Textbook (ICEV access card):

None, you have purchased as a part of course fees your access code as it is embedded in this course. You may notice that you access ICEV through blackboard links and they will be active when you open your course in blackboard.

Evaluation/Grading Policy:

Grades will be computed as follows:

(3) Exams:	60%
(1) Group Project:	15%
Writing Assignment:	10%
iCEV quizzes:	15%
Total:	100%

Other grading information:

Your lowest two grades for ICEV will be dropped before final grade average is applied. ICEV material is time sensitive and you will have to turn in by due dates. Late work will receive 10 point deduction each week. All group projects will receive a grade from instructor as well as each of their team members. Mid-term grades will be calculated and provided in the blackboard gradebook. Grades on all turned in work will be returned to you graded by next scheduled class period.

The grading scale below will be used to determine your final grade.

Points	Grade
90-100	A
80- 89	B
70- 79	C
60- 69	D
BELOW 59	F

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 iCEV online materials, classroom lecture and group projects. You will not be allowed to retake a test. Review for the exam will be given the class day prior to the exam. I strongly urge you not to miss the review.

ASSIGNMENTS:**Group Presentations Protocol:**

Students will be required to develop 1 oral group presentations with visual aids (ex: poster board or power point) that will account for 15% of their final grade. The instructor will assign groups and provide each group a problem or question in plant science. Each group will form a hypothesis of the question and test the hypothesis by doing an experiment(s) and then report the results in class for discussion. Your grade will be assessed on the group and individual effort within the group on the presentation of their hypothesis, experiment, and results.

Written Assignment Protocol:

One written report during the semester will account for 10% of the final grade. Written assignment will be researched and scientific method applied to controversial horticulture topics assigned by instructor. Technical papers must be hand-written as a rough draft, typed, 3-5 pages in length with at least 3 citations supporting your position with credible scientific facts. Writing assignments can be first checked by QEP writing tutors prior to submitting for grade. QEP writing tutors are available to all NTCC students free of charge and have posted hours and locations.

Other related courses: AGRI 1115 is the lab section of this AGRI 1315 lecture course. Agriculture students are required to take this course in their degree plan for their Ag concentration. However, its activities and grades will

be independent of the lecture course. All students including various degree plan options and agriculture students may take **ONLY** this lecture course to satisfy 3 credit hours of their life science core required courses.

Student Responsibilities/Expectations:

Students are required to participate in all classroom activities. Students are expected to be on time and ready to begin when classes start. Brain teasers or quizzes will be done in the beginning of each class period and students will only have the first 2 minutes to determine their answer. Points will be given for correct answers and no make-up's are available. Students may utilize bonus points on any one grade average but not your final grade. 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. 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.