



# General Horticulture AGRI 1415

Course Syllabus: Fall 2019

*"Northeast Texas Community College exists to provide responsible, exemplary learning opportunities."*

## Stephanie Lynch

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Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Online
	2:45-3:30 pm	2:45-3:30 pm	2:45-3:30 pm	2:45-3:30 pm	2:45-3:30 pm	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.*

**Course Description:** Three hours of lecture and two hours of lab each week.

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(s):

N/A

### 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.

### Course Objectives:

- Benefits of Horticulture
- Classification/Nomenclature of Plants
- Anatomy, Structure, Functions, Nutrition of Plants
- Propagation
- Soil Formation, Evaluation, & Conservation
- Pests & Weeds and how to treat them
- Landscape Design
- Vegetable, Fruit, and Nut Production
- Hydroponics
- Greenhouse Management
- Fertilizers
- Plant ID
- Plant System Careers

**Evaluation/Grading Policy:**

Grades will be computed as follows:

(3) Exams:	60%
Interactive Notebook:	10%
Discussion Board:	10%
iCEV Total:	15%
Greenhouse	5%
Total:	100%

iCEV breakdown below:

Multiple Assessments	25%
Chapter Quizzes	75%

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. You will not be allowed to retake a test. There will also be a group project in this portion of the grading. The group project will consist of students working in groups (3-4) to discuss the landscaping options for the front entry of Pewitt High School. 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 of plants, mulch, fertilizer, decor and any other needs for the entry design. A handout and examples will be given with additional information including a grading rubric

**Student Responsibilities/Expectations:**

Students are required to participate in both classroom and group project activities. Online attendance is required. Students are expected to logon in a timely manner and interact with fellow students. Students should be courteous and treat one another with respect to allow for a peaceful and effective learning environment.

**Supplies:**

Composition Book

**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, and collusion is unacceptable and may 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 who are students 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.