
Greenhouse Technology Syllabus and General Information

Instructor:

Matthew Price, Agricultural Education Teacher
Anderson County High School
Room 156
Phone: (502) 839-5118, ext. 2156
Email: matthew.price@anderson.kyschools.us

Course Description:

Greenhouse Technology provides instruction in greenhouse structures and greenhouse environmental regulations. Plant growth, development, and propagation are included, as well as production and maintenance of bedding and container produced plants. Fundamental principles of vegetable production and commercial production of vegetable crops may be included. Content may be enhanced with appropriate technology. Leadership development will be provided through FFA. Each student will be expected to have a supervised agricultural experience program.

Units of Study:

Week 1:	Introduction to Greenhouse/Understanding Horticulture
Week 2:	Greenhouse Structures
Week 3:	Automated Greenhouse Systems
Week 4:	Plant Anatomy (cell parts, roots, stems, leaves, flowers)
Week 5:	Plant Physiology (photosynthesis and respiration)
Week 6:	Properties of Growing Media
Week 7:	Plant Nutrition
Week 8:	Fertilizer Calculations
Week 9:	Plant Taxonomy/Plant Propagation
Week 10:	Plant Propagation
Week 11:	Pesticide Safety/Application
Week 12:	Review/Final Exam

Projects/Assignments:

In addition to daily work from the textbook and other sources, students will complete open response items, review assignments, standardized test practice items, critical thinking tasks, and a portfolio assignment. Every student will be required to have a SAE project and to keep weekly records on their work progress.

Required Materials:

1. Three ring binder or notebook
2. Pen (blue or black ink only) or pencil
3. Paper

All materials should be brought to class EVERYDAY unless otherwise instructed.

Class Rules:

1. Be on time, in your seat, and ready to work when the bell rings.
2. Bring all necessary materials to class daily.
3. Be respectful and work in a professional manner.
4. Be attentive and make sure that your work is your own.
5. Bring and maintain a positive attitude every day.
6. Follow all school rules outlined in the ACHS Handbook.

Starting Class:

A “bell ringer” may at any time appear on the board at the beginning of a class. Students will turn in their responses on Friday of that week for a grade. Following the bell ringer, students are will begin a short assignment relating to the subject of the day.

Hall Passes:

The student will be provided with three hall passes to use throughout the trimester. In order to exit the classroom, the student must present a hall pass to the instructor. If the student does not use these passes, they may be turned into the instructor for extra credit at the end of the trimester.

Food and Drinks:

No food or drink will be allowed in the classroom, with the exception of bottled water and gum. If I see or hear you chewing gum, you will be asked to put it in the trash immediately.

Homework:

Homework will be assigned periodically. These assignments should be taken seriously as they will be averaged in for your final grade. Homework will be checked or taken up during class. **NO LATE HOMEWORK WILL BE ACCEPTED! Please do not come see me at the end of the trimester to get work to bring up your grade. It is your responsibility to get assignments from days missed.** See the make-up work folder for work that you miss.

Class work:

Students are expected to work on in-class assignments during class time each day. Students who choose to work on assignments from other classes will receive a grade of zero for their daily assignment. The work from other classes will be thrown away.

Grading Policy:

Everyone starts with an A... It is your job to keep it. Each assignment, test, or project will be worth a specified number of points. At the end of each grading period, the total number of points earned divided by the total number of points possible will be calculated to determine your percentage grade. Grades will not be curved; however, opportunities for extra credit will be made available throughout the semester.

Notification of Grades:

Students may come see me before school starts or immediately following the final bell of the day. No grades will be looked up and given out during class time.

Student Handbook:

It is the responsibility of the student to be familiar with the school handbook. Rules and policies specified in the handbook will be followed and enforced in the classroom at ALL times.

Tutoring:

If a student is struggling with a concept, he/she may set up an appointment to meet with me before or after school. I am always willing to help any student but it is the student's responsibility to scheduling a tutoring time.

Opportunities in FFA:

Dues are required to be paid in order to be a member of the FFA. Dues are \$15 and must be paid by the end of the first week of school. There are many leadership and community service opportunities available as a member of the FFA.

Grading Policy:

Your grade in this class will be based on how many points you earn throughout the year. Your final grade will be determined on the scale below:

Homework	10%
Daily Work	20%
Notebook	20%
Exams and Quizzes	20%
Projects	30%
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Total	100%

Greenhouse Technology

I have read the course syllabus, the classroom policies, and the expectations for behavior and understand the meaning and possible consequences for each policy. **This is your first grade for the trimester....make sure you return it!**

(Student's Signature)

(Date)

(Parent/Guardian Signature)

(Date)

(Parent/Guardian E-mail address – optional)