

# **Greer High School**

## **Agriculture Science & Technology**

Syllabus  
Credit: One Unit

**Teacher: A.J. Arrowood**

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**Textbook Title:**

- **Agriscience Fundamentals & Applications 6th edition**
- **FFA Official Manual & Student Handbook**
- **Today's Hunter - SCDNR Hunter Education Manual**

**Course Description:**

The Agricultural Science and Technology course is designed to teach essential concepts and understanding related to plant and animal life including biotechnology, the conservation of natural resources, and the impact of agriculture and natural resource utilization on the environment. Emphasis is placed on the role of agriculture in our society and the importance of agriculture to the welfare of the world. Basic personal and community leadership and safety, and agricultural mechanical technology are included as a part of the instructional program. Students will engage in a variety of laboratory activities and will participate in shadowing and/or other school-to-work experiences. We try to teach using FFA Career Development Events as part of the lab work and encourage all students to join and participate in the FFA Chapter to get the full experience. There is a required 20 hour Supervised Agriculture Experience (SAE) that is hands-on outside of class time.

**Learning Objectives:**

The course standards for Agriscience are based on the standards found in the Agricultural Science & Technology Curriculum Guide. Students who successfully complete Agriscience with a passing 60% or higher will have demonstrated the ability, concepts, knowledge, and skills required to meet those course objectives. These course standards will be provided within the syllabus.

**Course Outline:**

- |                                 |                                    |
|---------------------------------|------------------------------------|
| <b>A.</b> Agriculture Literacy  | <b>E.</b> Plant Science            |
| <b>B.</b> Leadership, FFA & SAE | <b>F.</b> Animal Science           |
| <b>C.</b> Soils                 | <b>G.</b> Hunter Safety & Wildlife |
| <b>D.</b> Tools & Equipment     |                                    |

**Required Materials:**

- Charged Chromebook, paper, and writing utensil!
- Keep a 3 ring binder up to date with all handouts, notes, & activities to be checked at least 4 times per semester 2 times per quarter.
- Keep the Google classroom assignments, and assessments up to date. Maintain SAE & Classroom records in AET.

## Class Expectations:

### I. Class Rules:

1. **Learning To Do:** Students are expected to participate in all classroom activities.
2. **Doing To Learn:** Students are required to be prepared for all classroom activities.
3. **Earning to Live:** In this classroom, everything is earned. This Includes grades, privileges, and respect.
4. **Living To Serve:** Students are expected to respect their fellow classmates and display the characteristics of a leader.
5. **Follow Class Expectations- Found on the course website under our class.**
6. **All School & District Policies will be enforced**

### II. Participation:

- Agriculture Classes are a hands-on course and will do projects on campus, which require some physical labor and working in soil, compost or other materials. All students are expected to participate at all times. Those who do not participate to the instructor's satisfaction will on the **first occasion be given no credit for the assignment/ task, and on the second will be given no credit and have a parent/teacher conference scheduled.**

## Grades Policy/Practices and

Student progress is cumulatively assessed each nine weeks in the following way:

*60 Percent: Major Grades - Major Tests, Projects, and Major writing Assignments*

*40 Percent: Minor Grades - Formative Assessments, Quizzes*

## Grading Scale: A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 50-59

\*\*\*Students in English 1, Algebra 1, Biology 1, and US History will be required to complete a South Carolina End of Course (EOC) test in lieu of their final exam. This test will count as 20% of the student's final grade.