Agriscience

Fundamentals, Intermediate, Advanced
Course Syllabus



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Course Description:

Agriscience- is a one-credit course that provides students with a general overview of the five major career areas in Agriscience Education: Plant Biosystems, Animal Biosystems, Agri-Engineering, Agri-Commerce and Communication, and Environmental and Natural Resources. Students are involved in classroom and laboratory activities in each of the five major career areas. The course emphasizes SAE's and FFA opportunities that develop students' potential for premier leadership, personal growth, and career

FFA, the Association for Agriscience students, is an integral, co-curricular component of all agriscience courses. This organization serves as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth. Due to funding provided by the state of Alabama, all students enrolled in Agriscience will become a member of the FFA.

Course Outline:

1. Orientation/General Information
2. FFA/Leadership Development
3. Importance of Agriculture
4. Technology Applications
5. Agricultural Economics/Business Management
6. Environmental Science
7. Soil Science
8. Plant Science
9. Forestry
10. Aquaculture
11. Animal Science
12. Pest Management
13. Agri-engineering Applications

Course Objectives/Goals:

1. To assist students in developing an understanding of the career opportunities in the field of Agriscience/Agriculture.
2. To assist students in developing skills and abilities in Agriscience through planned and supervised experience programs.
3. To assist students in learning the importance of Agriculture to the local, state and national economy.
4. To assist students in learning the basic use of tools and other equipment in the Agriscience/Agricultural Industry.
5. To develop a sense of pride in work, both in the classroom and laboratory/field.

Fees/Dues Required:

Class Fees: **$30.00 (Includes an FFA T-shirt)**

Rules:

All rules outlined in the Lawrence County High School Student Handbook and Lawrence County School Code of Conduct will be followed and enforced in my classroom. Other rules include:

1.) Follow all classroom procedures.
2.) Act in a manner becoming of young adults.
3.) Never enter the workshop without permission.

Consequences:

- **1st Offense:** Results in a warning.
- **2nd Offense:** Results in a pen and paper assignment, break detention, or before/after-school detention. Removal from shop activities.
- **3rd Offense:** Parent-teacher conference or referral to school administrator. I reserve the right to not limit myself to these consequences alone. Also, I reserve the right to, in extenuating circumstances, skip directly to consequences of the 3rd offense.

Classroom Procedures:

- Classroom entrance: All students should enter the classroom in an orderly manner. Take your seat and begin the bell ringer activity posted at the front of the room.

- Roll Call: Roll will be taken immediately after the late bell.

- Tardiness: Tardies will be assessed when students are not present at the time roll is taken. If a student comes in late it is the student's job to let the teacher know that he/she has arrived at class.

- Announcements: Anytime there is an announcement, whether by a teacher, a student, an administrator, or over the intercom, the students should get quiet, be seated, and become attentive. This also includes talking while someone else has the floor.

- Absentees Students: who have previous knowledge of an absence should make arrangements with me for lecture notes and missed assignments. Others who are absent should acquire lecture notes from a fellow student, and notify the teacher so that work, if it is an excused absence, can be made up. Those with excused absences will be given the number of days to complete the work as the students who were present during the period.

- Teacher's Desk and Office: **These areas are off limits!!!!**

- Leaving the classroom: Exiting my class will not take place without my consent or direct instructions by administration.

- Cell Phones: **Cell phones are to be in lockers or vehicles at all times.**

SYLLABUS ACKNOWLEDGEMENT

I,_____ the parent of, _____ have read the syllabus for Mr. Layman's class along with my child. Also, My child and I have reviewed all classroom rules and procedures outlined in this document. My child agrees to observe all classroom rules and procedures for Mr. Layman's Agriscience class.

Parent Signature:_____ Date:_____

CLASS FEES ACKNOWLEDGEMENT

The fees for this class will be **$30.00**. Fees will be utilized to purchase shop and classroom materials to give each student the best Agriscience experience possible. **This fee will also include an FFA T-shirt.** The Fees will be used for:

- Workshop Projects
- Equipment Maintenance (ex. sawblades, hand tools, etc.)
- Consumable Workshop Supplies (ex. wood, metal, sandpaper, fasteners, wood glue, stain,etc.)
- Classroom Consumables (printer ink, paper, staples, craft supplies, ect,)
- Horticulture and Landscaping Supplies to be used in class and greenhouse

I acknowledge that I have read and understand the aforementioned statements about class fees.

Student Name (Print)_____ Student Signature_____

Parent/Guardian (Print)_____ Parent Signature_____

Parent/Guardian Contact Number _____ Date_____

T-Shirt Size:_____

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Lawrence County Agriscience

Safety Pledge and Information Form

_____, who is enrolled in an Agriscience course will, as part of his/her laboratory experience; operate hand and power machinery, providing that his/her parent or guardian gives written permission.

It is understood that each student will be given proper instruction, both in the use of the equipment and in correct safety procedures concerning the use of all equipment. Students will not be allowed to participate in any workshop related activities until safety training is completed and documented.

The student must assume responsibility for the following safety practices, and we therefore ask that he/she subscribe to the following safety pledge.

1) I WILL NOT ENTER THE WORKSHOP WITHOUT PERMISSION FROM INSTRUCTOR.
2) I WILL WEAR PROPER EYE PROTECTION WHENEVER I AM IN THE SHOP
3) I WILL FOLLOW ALL SAFETY RULES FOR THE LABS AND OUTSIDE THE BUILDINGS, AS PRESCRIBED BY THE INSTRUCTOR.
4) I WILL ONLY USE A HAND TOOL AND/OR POWER TOOL AFTER FIRST HAVING RECEIVED INSTRUCTIONS AND AUTHORIZATION FROM THE INSTRUCTOR.
5) I WILL WORK IN A MANNER WHICH WILL BE SAFE FOR OTHERS IN THE WORKSHOP AND OUTDOORS.
6) I WILL REPORT ANY ACCIDENT OR INJURY TO THE INSTRUCTOR IMMEDIATELY.

I hereby agree to follow the above safety pledge, carry out the requirements of the course. I also realize that choosing to not follow the above rules can result in loss of privilege in the workshop.

_____ _____

Student Signature Date

I hereby <u>give my consent</u> to allow my child to operate all tools and equipment necessary in carrying out the requirements of the course in which he/she is enrolled.

_____ _____

Parent Signature Date

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