***Agriculture Department Course Syllabus:*
*Agriculture, Food and Natural Resources Pathway: Plant Systems Cluster:
Courses: Agriscience, Floral Design and Management, Landscape Design and Management, Fish and Wildlife.***Instruction in the Agriculture, Food, and Natural Resources cluster provides students with the essential knowledge, high-level workplace and life skills, and training demanded for work, career, and college placement in this cluster. Learning activities simulate work environments students may encounter, which include opportunities to gain knowledge and skills through coordinated work-based, service, and project-based learning experiences such as entrepreneurial, on-site visits and work shadowing. The classroom and laboratory for this cluster provides a safe and appropriate setting for active, structured, and stimulating student learning and assessment. The Grades 9-12 foundational course, Fundamentals of Agriscience, is considered a gateway to all pathways. All students are encouraged to complete Fundamentals of Agriscience before selecting and pursuing a specific pathway. At BWHS our department focuses on the Plant Systems Pathway and includes, Agriscience, Horticulture, Landscape Management, Floral Design and Management, and Fish and Wildlife. Students who select a pathway in the Agriculture, Food, and Natural Resources cluster are interested in the planning, implementation, production, management, or marketing of agriculture, food, and natural resources. **Pre-requisite (if any): Agriscience is a recommended Pre-requisite for all courses in the
Plant Systems pathway. However, each course can be a stand-alone class in the pathway.**

**\*CTSO Integration: *The FFA Student Career Technical Organization:***
The National FFA Organization, the Career and Technical Student Organization (CTSO) most closely related to the Agriculture, Food, and Natural Resources (AFNR) cluster, is an integral, co-curricular component of each Agriscience education course. 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.

**Industry Recognized Credential (if any): Forestry Works, Forestry Worker Certificate**

**Embedded Literacy:**

Integrate reading, writing, and comprehension strategies into all aspects of the CTE classroom and lab activities.

**Embedded Numeracy:**

Mathematics and numeracy strategies are incorporated into CTE assignments and all aspects of learning in the CTE classroom. Frequent assignments will require students to apply mathematics skills to authenticate problems found in the field of study.

**Instructional Delivery Plan**:

Students are expected to meet all course goals and demonstrate understanding of the underlying concepts. Instructional methods include lecture, videos, demonstrations, skills labs, projects, guest speakers, and business and industry tours or field trip. Students are expected to take part in class discussions, work in small and large groups, and submit all homework assignments and projects by the due date.

**Textbook/Educational Resources**: ICEV, Forestry Works, Alabama Cooperative Extension Service. All items are provided by TCSS and BWHS.

**Dual Enrollment or Articulated Credit (if any): None**

**Course Goals:** Students will learn how to:

* Follow all safety procedures
* Perform quality work at all times
* Demonstrate quality behavior at all times
* Demonstrate knowledge of course standards with a minimum of 100 % accuracy
* Develop workplace essential skills needed to be a contributing and productive member of society
* Utilize leadership skills within a classroom setting

**Essential Question(s):**

Students will be able to make an informed decision of a future career choice.

**Grading Scale:**

90-100 (A)

 80-89 (B)

 70-79 (C)

 60-69 (D)

 59 and below (F)

**Culminating Course Product(s):**

By the end of this course, students will be able to demonstrate effective leadership skills, earn a credential or certification, and participate in competitive events and community service activities.

**Course Fee**:

$25.00
**Required Supplies/Lab Attire**:

Closed toed shoes, safety glasses at all times in shop. When in greenhouse students must wear closed toed shoes at all time and when appropriate must wear safety PPE such as gloves, safety glasses etc.

**Classroom expectations utilizing the “Alabama Simulated Work Place” operational manual.**You will earn 10 points each day for your participation:
Each day you may be asked to participate in various activities in the classroom, shop, and greenhouse. You are encouraged to treat this class as a simulated workplace by:
-Coming to class on time.
-Be ready to work and participate in all parts of class and lab.
-Have a positive attitude.
-Create a safety culture during your class period.
-Respect students, guests, administration and teacher through verbal and non-verbal actions.
-Communicate your physical or health limitations or concerns before lab or class to teacher (waiting until lab time is not an option to “tell” your teacher that you are not able to participate).
-Be a hard worker, stay in assigned area and ALWAYS wear safety glasses in the shop or when using hand or power tools in lab or in outdoor labs. **How you will lose your daily points (“money”) on the “job”:**
\*I reserve the right to use a referral immediately for any behavior that does not follow TCSS or BWHS behavior policies. However, the following will be the daily procedures.
**1st Offense: Verbal warning.** Student will be given near miss or safety documentation from Alabama Simulated Workplace.
**2nd Offense: Removal from lab and Lunch Detention.** Immediately given alternative assignment, Lunch Detention, Contact home to parent/guardian on School Status. Student may be given several lunch detentions if behavior continues and ultimately referral if they exceed the numbers of lunch detentions allowed by BWHS administrative team. **3rd Offense: Referral.** Discipline action can include but is not limited to: removal from lab or class activity, removal from leadership position, loss of points for class or lab, loss of privilege of lab activity (alternate assignment given), lunch detention, parent/guardian contact, office referral. All TCSS policies, procedures as well as Brookwood High School rules apply. **How to make up work you missed when you missed a day in the Agriculture Department:**Missing work must be made up within two days of absence per TCSS Policy. All other TCSS policies for absences MUST be followed. Many of or class projects take more than one or two days to complete. In the Alabama Simulated Work place, you will be responsible to finish or “come back to work” on the project upon your return.
-Complete assignment that was given if it was a lab or work that you are able to complete as an individual student.
-If work was lab based and done as a group or class you may choose one of the two items:
-One page report on current event in Agriculture, Assist with making posters or signs for plant sale, Research and find plant information for fall and spring plant sale folder.
-Work one hour in the shop, greenhouse or outdoor area after school. Pre-determine the working time with your teacher.
**General Classroom Rules:**1. Get to class one time. Be in your chair when the bell rings and started on your bell ringer. (NO ONE is permitted in shop/toolroom/ outdoor lab area without permission or lab instruction).
2. Bring supplies you need to learn daily: this includes charged device, paper, something to write with or the supply or safety equipment to be ready to learn.
3. Pay attention in class. NO DEVICES except TCSS issued devices. Sleeping, talking, applying make-up, use of cell phone is not allowed.
4. The class, shop, greenhouse, outdoor areas will be our areas to manage and clean be ready to help clean up to keep our work area presentable.
5. Cheating will not be tolerated for Agriculture Department work or any other school work you are completing while in my class.
6. It is your responsibility to complete all missing work due to your absence following all TCSS and BWHS policies.
7. Respect teacher, guest speakers, virtual speakers, students. Be sure you are listening and participating. Off task behavior like talking, sleeping, device use, cell phone use will not be allowed.
8. No food in shop or outdoor areas. On FFA Friday’s we often have some type of FFA Agriculture treat you may eat this item when given permission. Drinks are allowed in the classroom if you have a lid on the drink. If you make a mess you will be asked to clean up the mess. Students will regularly help in maintaining classroom cleanliness.
9. Everyone in the shop will wear safety eye glasses, closed toed shoes and gloves during labs. In the greenhouse and out door lab closed toed shoes are required. Additional PPE may be worn depending on the activity, tool or power equipment being used.
10. The teacher will be the only person to answer the door and the door MUST remained closed and locked at all times. When a guest enters the room physically or on a virtual call each student will treat the guest with respect. Loud outbursts, head down, not participating will not be tolerated and will be given a potential lunch detention or loss or class points. We have a large amount of guest speakers and virtual speakers so it is critical that this is taken seriously.
11. Daily participation is required each day you will earn a minimum of 10 points through Alabama Simulated Workplace. These points will be rewarded for on task behavior and employability skills represented during class. Students not following these career and college ready behaviors will be given lunch detention, lose lab privileges, class or lab points and/or office referral.
12. The back-bay door should never be left open, the classroom door should never be left open, the back-shop door should never be left open or propped open. All doors and entrances and exits should remain clear and in locked format at all times. No students should open or prop doors for any reason. Students may open doors with teacher permission only.
13. Follow all TCSS Board Policies and BWHS School Rules.
**Student Information:**
**Health :**
\*\*It is your responsibility to have all health documented with the school nurse and have an Individual Healthcare Plan (IHP) on file with the nurse and teacher. Your health is very important to me, proper communication and documentation is key. **Do not list any items that you want to remain private in any way on this paper.
Safety:**
Students must take a safety test and earn a 100% on the test. Power tools should only be used with proper permission from instructor and with appropriate training.
\*\*Students will have various opportunities to utilize hand and power tools it is the student’s responsibility to ONLY use tools once they are trained, fully understand and are authorized prior to use by the teacher to use.

**Yes, I understand my child will have opportunity to use hand and power tools and they are responsible for wearing all PPE and following all safety directives given by teacher. I understand that they are responsible for following all procedures for Alabama Simulated Workplace. I have read and understand this document.
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**Food Taste Testing approval:** In class we will have an opportunity to taste test a variety of Agriculture Commodities that may include the 11 common allergen items: Peanut, Tree nut, Egg, Milk, Sesame, Soy, Wheat, Crustacea, Mollusc, Fish and Lupin. \*\*It is your responsibility to have all health documented with school nurse and have an IHP on file with nurse and teacher.
**Yes, my child may taste test all items: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_sign and date

No, my child may not taste test any items: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_sign and date**

**While my child may taste some items,
Please see school nurse for specific items my child must avoid: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_sign and date**

**Media and social media post:** In class we have several opportunities for local news outlets, web-based content and social media to be utilized. Please mark accordingly.

**Yes, my child may be on media and social media posts: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_sign & date**

**No, my child may not be on media and social media posts: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_sign &date**

**Please use these special procedures: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_sign & date**