

Welcome to Ag Foundations & Agritechnology

MS.NELSONS SYLLABUS

Course overview

The Agritechnology program offers a sequence of courses to prepare students for careers in the Agriculture, Food and Natural Resources career cluster. The content includes but is not limited to instruction in animal and plant production and processing; agriculture marketing; agricultural mechanics; employability skills; mathematics; basic science; biological sciences; communications; and human-relations skills.

Content Outline

- Agribusiness Principles
- Animal Science
- Crop Production
- Career Exploration
- Food Science
- History of Agriculture
- Irrigation
- Livestock Production
- Natural Resources
- Plant Science
- Power, Structure & Technology
- Scope of the Agriculture Industry
- Tools and Equipment
- Welding
- Wood Working

Materials

- 3-Ring Binder **or** 5 subject Notebook
- Pencils
- Highlighters (*any colors*)
- Closed-Toe Shoes (*Mandatory Daily*)
- Laptop (*school issued*)

**Lockers available in shop to store shoes & Pants for shop/lab days*

Office Hours & Contact Information

Monday-Friday
6:30 a.m. - 7:00 a.m. **and** Tuesday & Thursday
2:20 p.m. - 2:45 p.m. 12:45 p.m. - 1:15 p.m.

Preferred method: Parent Square

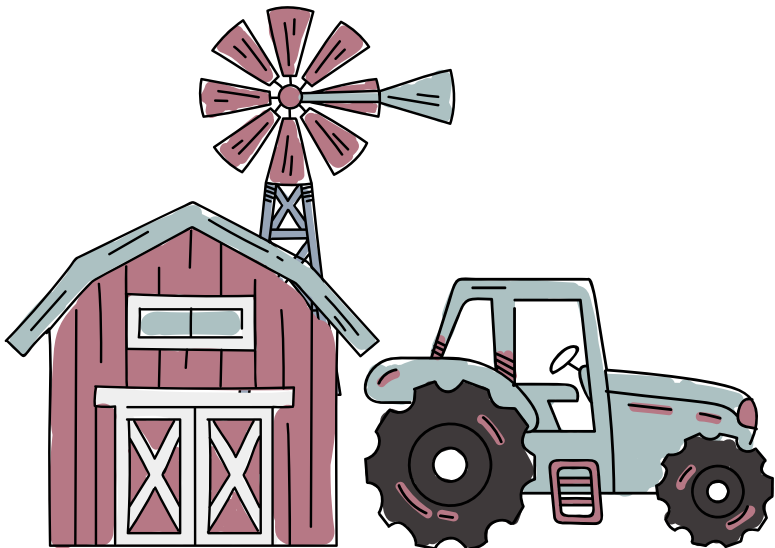
or

Email: nelson_t@hesb.k12.fl.us

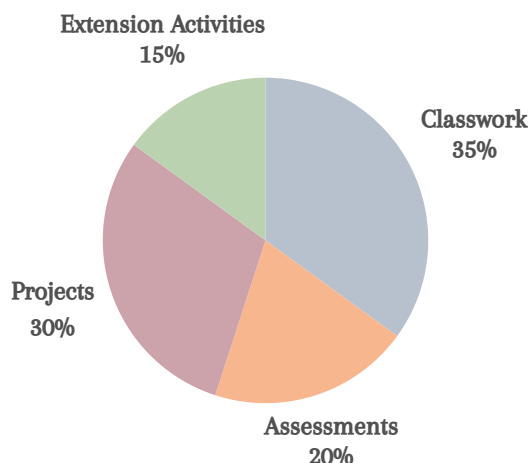
Phone: (352) 797 - 7015 ext: 15239

Requirements

- Weekly AET Journal Entries
- SAE Project
- FFA Participation
- Closed toed shoes/Pants



Grade Distribution



Assignment Submissions

All assignments must be submitted online through Canvas by the posted due date. If an assignment is not turned in by the deadline, it will automatically be recorded as a zero by the system.

Grades are synced nightly between Canvas and Skyward (typically around midnight), so please allow time for updates to reflect in both platforms. Some assignments may require manual review by Ms. Nelson before final points are awarded.

If you believe there is a grading error or a missing assignment showing in Skyward, please take a screenshot and message Ms. Nelson through Parent/Student Square for clarification.

**Stay Connected with us on
Facebook: Brooksville Sr FFA**

Late & Makeup Work Policy

Late Work:

Up to 10% may be deducted from the overall grade of the assignment for each day past the due date (instructors' discretion)

Make-up Work:

Excused Absences: Students have 2 days to complete any missing work without loss of points. After two days all work turned in will be graded using the late work policy above.

Unexcused absences: Students will have 2 days to submit work without loss of points (ONLY for the first 5 unexcused absences). After two days or after 5 unexcused absences points will be deducted using the late work policy above.

Deadline Extensions:

In extenuating circumstances students may request a deadline extension. All deadline extension requests must be in writing and approved **prior** to the date of the deadline. Deadline extensions will **not** be approved on the same day an assignment is due and work will be graded using the late work policy above.

Electronic Devices

Electronic devices (Cellphones, smart watches, earbuds, tablets, etc.) are not permitted in class or any lab facilities, including the kennels, barns, etc. Failure to comply with the device policy may lead to disciplinary action in class or through administrative action.

Devices used without permission may be placed in a paper bag on the students' desk for the remainder of the class period

DISCLAIMER:

STUDENTS MAY BE WORKING WITH LIVE ANIMALS/ PLANTS REGULARLY. PLEASE LET ME KNOW IF YOUR CHILD HAS ANY KNOWN ALLERGENS

AS THE INSTRUCTOR I RESERVE THE RIGHT TO MODIFY THE STATED RULES ABOVE TO ENSURE OUR CLASSROOM FUNCTIONS SMOOTHLY THROUGHOUT THE YEAR, HOWEVER, ALL SCHOOL AND DISTRICT RULES WILL BE STRICTLY ENFORCED.

Lab Activities

Agritechnology: The laboratory activities (shop, barns, land labs, and greenhouses) are an integral part of this program, which includes the safe use and application of high technology equipment, such as computers and computer software, telecommunications equipment, and scientific testing and observation equipment, as well as mechanics' tools, field tools, carpentry tools, arc welders, oxyacetylene torches, tractors and field equipment, chemical applicators, power sprayers, irrigation equipment, and fire-control hand equipment.

Special Note

FFA is the appropriate Career Student Organization for providing leadership training and for reinforcing specific vocational skills. Career Student Organizations, when provided, shall be an integral part of the vocational instructional program.

Safety

It is very important that safety rules and regulations be following in all areas of the Agriscience Department. Including the wearing of closed toed, closed back shoes always. Students must wear long pants for any work in the shop, land lab, etc. Safety issues will be dealt with according to the severity of the violation and may lead to dismissal from the program. Students failing to adhere to the program dress code will be sent to In School Suspension for that period only. Unless, it is a reoccurring issue.

Given the nature of the program and equipment use by the students, absolutely no inappropriate behavior or horseplay will be tolerated. Such behavior may lead to removal from the program.

Class Fees

A \$50 Agriculture Lab Fee is required for all students enrolled in hands-on, lab-based agriculture classes. This fee helps cover the cost of materials and supplies used for practical, real-world activities instead of paper-based assignments. The fee is set by the district. Students may have the opportunity to “work off” this fee by assisting with supervised projects during non-school hours.

Fees must be paid during 1st semester. Any unpaid fees will result in a Note of Obligation and must be resolved in order to participate in school activities (including dances, athletics, and field trips).

Students who pay or work off their fee by October 10th will receive a FREE FFA chapter t-shirt!



To pay online:

Visit [Revtrak – Hernando HS Ag Fundraiser](#)