****

***Mission: To offer inspiration through advanced instruction and authentic experiences.***

**Instructor:** Ms. Emily Sutton

 Email me at emily.sutton@henry.k12.ga.us. Please allow 24 hours for a response.

Conferences can be scheduled by appointment only.

**Basic Agriscience-**

This course is designed as the foundational course for all Agriculture, Food & Natural Resources Pathways. The course introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Link to Standards- [Basic Agriscience](https://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Documents/Basic-Agriculture-Science.pdf)

**Course Objectives**

AAS associates will

* Demonstrate employability skills required by business and industry.
* Relate the role of the FFA student organization in the students’ personal development.
* Explore, develop, and implement the Supervised Agricultural Experience (SAE) program by researching careers in agriculture and agribusiness.
* Recognize how agriculture meets human needs today, in the past, and for the future.
* Determine and illustrate safety in the agriculture lab and agriculture worksites.
* Define major components of the animal industry and outline the development of the resulting products, services, and careers.
* Explain and demonstrate basic plant science principles including plant health, growth and reproduction.
* Apply principles of science to food processing to provide a safe, wholesome and nutritious food supply.
* Apply principles of environmental science as it relates to agricultural production and sustainability.

| **Required Supplies** |
| --- |
| * Fully charged Chromebook
* Chromebook charger
* Pen or Pencil
 |

| **Expectations for Academic Success** |
| --- |
| * Attend class daily. **Be on time.**
* Be prepared for class.
* Respect yourself and others.
* Ask questions.
* Contribute new ideas.
* Participate in FFA
 |

**Grade Calculation**

| **Summative Assessments = 60%** | **Formative Assessments = 40%** |
| --- | --- |
| * Authentic learning projects, exams, presentations, essays, labs (including final exam at 20%)
 | * Practice Work: classwork, homework, quizzes, labs, employability skills
 |
| **Culminating Final Exam/Project** |
| All courses will have a culminating exam or project that assesses associate learning of the semester’s course content. This exam/project will be 20% of the overall course grade. |

**Make-up Work**

Associates who are absent are required to contact the instructor for make-up work. The associate will have the same number of days that they are absent to complete the make-up work.

**Late Work Policy**

Associates must have all late work turned in, at the latest, by the end of each term. Each week the assignment is late, 10% will be deducted from the overall assignment grade.

**Employability/Soft Skills**

School Wide Activities:

* Dress for Success Days
* Network Luncheon
* Mock Interviews and Classroom Jobs
* Pathway Shadowing

**CTSO- FFA**

FFA is required for any student enrolled in an Agricultural course to join. For this semester the dues fee is $20.00 per student. FFA allows students to compete in various events. If you are interested in sharpening your skills and developing your abilities in this area, I encourage you to participate in one or more of these activities. Meetings will be held once a month.