

AGRICULTURAL EDUCATION I (Ag Orientation, Ag I)

Mrs. Banks

Open to Grades 9-12

Credit: 1

Type: Elective. This course cannot be repeated.

Length: Year-long

Prerequisites: None

Course Description:

This class is for students interested in agriculture and leadership education. This orientation to agriculture education is the foundation for a four-year program. It consists of an introduction to agricultural careers and opportunities, animal science, plant and soil science, biotechnology and genetic engineering of agriculture crops, fish and wildlife management, agriculture mechanics, tool use and identification, carpentry and wood project construction, ag business and record keeping, basic parliamentary procedure and leadership development through the FFA. All students will be encouraged to have an out of class supervised agriculture experience program and to be involved in the FFA.

Textbooks and Materials:

Textbooks are not assigned but will be used in the classroom. Supplemental materials such as the MyCaert curriculum will be used. Students will be required to regularly update and maintain an account on the Agricultural Experience Tracker (AET), serving as a portfolio of the class and their out of school experiences.

Class Materials:

Each student needs a pencil and notebook paper each day.

Projects will require materials as planned. For those students who do not wish to keep the completed project or for projects built for the school or class projects, the materials will be provided.

Grading Plan:

Student grades will be based on projects, class participation, activities and worksheets, tests and a portfolio. The portfolio will consist of summative projects from each section, photos of projects, a cover letter, resume, extra-curricular activities, and SAE records and information. The portfolio will be collected at the end of each semester and presented at the mid-term of fourth quarter. Participation is graded daily. Grades are based on a point system. Values will vary based on the difficulty and importance.

Overview of Topics:

- Importance of Agriculture
- Basic Plant Identification
- Power Tools – Woodworking
- Parliamentary Procedure
- Ag Business & Sales
- Introduction to FFA
- Agricultural careers
- Shop Safety
- Tool Care & Use
- Planning & Drafting
- Hand Tool Project
- Animal Science
- Basic Mechanics
- Leatherworking
- Small Engines
- Geospatial Technologies

Class Rules:

All conduct shall contribute to the success of the class, whether in the lab or in the classroom.

Homework and Makeup Work

Absent students are responsible for getting their own work and turning it in per District policy.

Late work will be accepted for 2 class days after the due date and time with 10% of the achieved grade being deducted for each late day. After 2 days (20%), late work will not be accepted.