

# Principles of Agriculture

## Syllabus

**Mr. Lampman**

**Semester:** Full Year

### **Class Description:**

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

### **Prerequisites:**

None

### **Expected Student Outcomes:**

Upon completion of this course, the students will be able to:

1. The student develops a supervised agriculture experience program.
2. The student analyzes concepts related to global diversity.
3. The student explains the historical, current, and future significance of the agriculture, food, and natural resources industry.
4. The student analyzes the structure of agriculture, food, and natural resources leadership in organizations.
5. The student demonstrates appropriate personal and communication skills.
6. The student applies appropriate research methods to agriculture, food, and natural resources topics.
7. The student applies problem-solving, mathematical, and organizational skills in order to maintain financial and logistical records.
8. The student uses information technology tools to access, manage, integrate, and create information related to agriculture, food, and natural resources. The student is expected to:
9. The student develops technical knowledge and skills related to soil systems.
10. The student develops technical knowledge and skills related to plant systems.
11. The student develops technical knowledge and skills related to animal systems.
12. The student describes the principles of food products and processing systems.
13. The student safely performs basic power, structural, and technical system skills in agricultural applications.
14. The student explains the relationship between agriculture, food, and natural resources and the environment.

### **Classroom/Lab Expectations**

1. Learning to Do
2. Doing to Learn
3. Earning to Live
4. Living to Serve

### **Evaluation and Grading**

Please refer to the SCUCISD Grading Policy

*This school district and its Career and Technical Education Program does not discriminate on the basis of sex, disability, race, color, age or national origin in its educational programs, activities, or employment as required by Title IX, Section 504 and Title VI.*

*Este distrito escolar y su Programa Educacional de Carrera y Tecnología no discriminan en base a sexo, discapacidad, raza, color, edad u origen nacional en sus programas educativos, actividades, o empleo como lo requiere el Título IX, Sección 504 y Título VI.*

### **Retest Policy**

Please refer to the SCUCISD Grading Policy

### **Late Work Policy**

Please refer to the SCUCISD Grading Policy

### **Make-Up Work for Absences**

Please refer to the SCUCISD Grading Policy

### **Supplies Required**

Students are expected to obtain the following supplies and bring them to class daily.

- Pens/ Pencils (blue or black ink)
- 1" 3- ring binder or regular braded folder
- Notebook Paper

### **NOTE FROM THE INSTRUCTOR**

Welcome to the Agriculture, Food, and Natural Resources department, more commonly known as "Ag". We are excited to bring in a new group of students to the Ag. family. This year we will cover a wide variety of topics to "get your feet wet" and show you all the different areas you can pursue. Although you may find some topics more interesting than others, remember that next year you can choose courses that focus on those specific areas. As a member of this class, you are also provided with FFA membership and all of the opportunities that come with it. I encourage you to get involved and attend the first couple of meetings to find out what it is all about. FFA offers something for everyone. It can be a great opportunity for you to make new friends, explore your interests, prepare for a career, and earn scholarship money!

- Mr. Adam Lampman

### **Contact Information**

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