

## **HAMILTON HIGH SCHOOL**

### **Curriculum Guide**

<b><u>COURSE TITLE:</u></b>	Introduction to Agriculture Dual Enrolled with Butte College (AB 20)
<b><u>PREREQUISITE:</u></b>	None
<b><u>GRADE LEVEL:</u></b>	Freshmen
<b><u>LENGTH OF COURSE:</u></b>	One Year
<b><u>INSTRUCTOR:</u></b>	Ms. Lohse

#### **BRIEF COURSE DESCRIPTION:**

The goal of this course is to give students the opportunity to explore agriscience and develop a foundation in agriculture. Topics to be studied include opportunities in the FFA, California agriculture, animal production, plant production, and record keeping. Furthermore, students are required to participate in at least two FFA activities per semester, which may include leadership training experiences offered by the FFA.

#### **GOALS AND OBJECTIVES**

1. Students will receive basic knowledge and an appreciation for the agriculture industry.
2. Students will have hands on experiences at the school farm.
3. Students will learn record keeping skills using the FFA Record Book in AET.
4. Each student will further develop leadership skills through involvement in the FFA.

#### **CLASSWORK AND FFA ACTIVITIES**

- Every student will maintain an agriculture notebook. This notebook will hold all notes, handouts, daily starters, and projects. Notebooks will be provided.
- Notebooks will need to be in class everyday and will be graded on completeness without prior notice throughout the year. Please keep them up to date and accurate.
- Attendance is important, as the activities involving discussion and classroom participation are valuable and notes cannot substitute what took place in the classroom. It is the responsibility of the students to make up any missed notes or assignments within 2 days of an excused absence. If you miss class, please check with the teacher before school when you return and look in Google Classroom. ***LATE ASSIGNMENTS WILL NOT BE ACCEPTED*** after zeroed in AERIES!  
**Excessive absences will follow school policy, and may result in a loss of credits.**
- Every student will be expected to participate in 2 FFA activities per semester. FFA activities will be announced, posted in class, and sent out in the FFA newsletter.
- Every student will keep a web based FFA record book on AET that corresponds to his or her projects and activities.
- Every student will be expected to arrive for class prepared with their notebook, paper, and a pen or pencil by the time the tardy bell rings.
- Participation, cooperation and a positive attitude are encouraged from every student.
- While participating in agriculture classes, school farm activities, and FFA I understand my picture may be taken and used in media promoting FFA and Hamilton High School.

#### **AG DEPARTMENT TARDY POLICY:**

- This tardy policy is in addition to the Hamilton High School tardy Policy. Each student will be given 50 participation points per semester. 5 points will be subtracted for each tardy. This will be tracked as an assignment in Aeries.

## **STUDENT LEARNING OUTCOMES**

**Build Quality Relationships**

**Respect Diversity and be a Responsible, Global Citizen**

**Academic Excellence, Honesty and Integrity**

**Valuable Communication, Critical Thinking and Collaboration**

**Encourage Perseverance and Growth**

**Strive for Physical, Social and Emotional Health**

## **OUTLINE TOPICS**

1. Lab and Farm Safety
2. California Agriculture
  - a. History of Agriculture
  - b. Local and State Production
  - c. California Agriculture and the Global Economy
3. FFA
  - a. What does FFA have to offer?
  - b. History of FFA
  - c. Chapter, Section, Region, State, and National Organization
  - d. FFA Emblem, Motto, and Creed
  - e. Official Dress
  - f. Parliamentary Procedure
4. Water and Irrigation
  - a. Methods of Irrigation
  - b. History of California Water
  - c. Hydrological Cycles
5. Soils
  - a. History and Conservation of the United States
  - b. Soil Formation and Properties
6. Supervised Agricultural Experience (SAE's)
  - a. Getting Started
  - b. Goals
7. Animal Production (Cattle, Swine, Sheep, Horses, Goats, and Chickens)
  - a. Domestication
  - b. Vocabulary
  - c. External Anatomy
  - d. Breeds
  - e. Management Practices
  - f. Animal Health
  - g. Breeding and Gestation
  - h. Fitting and Showing
8. Plant Production
  - a. Horticulture Production
  - b. Crops
9. Career Options
  - a. Importance of Work
  - b. Agricultural Careers
10. Record Keeping
  - a. Planning Calendar
  - b. Budgets
  - c. Business Agreements
  - d. Receipts and Expenses
  - e. Financial Statements and Income Summaries

## **GRADING**

Grades will be determined as follows:

Classwork, homework, notebook	40%	A= 90-100%
Tests, quizzes, and projects	30%	B= 80-89%
FFA	10%	C= 70-79%
AET Record Book	10%	D= 60-69%
Participation, cooperation, and attitude	10%	F= 59% and below

*I have read this course outline and agree to follow class procedures. I understand that my grade will be maintained on AERIES, and that I may check it at any time.*

**Printed Name:**

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*Student Signature*

*Date*

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*Parent Signature*

*Date*