**Burbank High School**

**Principles of Agriculture, Food and Natural Resources Syllabus**

 Instructor: Ms. Hamilton Room: 1711

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**Course 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.

**Nature of the Course:**

To be prepared for careers in the broad field of agriculture/agribusiness. Students will be educated on things such as employability, animal handling, nutrition, welfare, rights and importance of animals, as well as study of livestock animal species.

**Course Objectives:**

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

**Units Of Study**

1. Career/Education Exploration
2. Safety Standards/Assessment
3. FFA Integration/AET login
4. FFA History/Opening & Closing Ceremonies
5. Introduction to SAE’s/AET Recordbook Explorer/Greenhand Degree Intro FFA Creed/SAE Planning/LDE, CDE Intro
6. NCCER Core Certification
7. Intro to Animal Science
8. Intro to Plant Science
9. Food Processing and Processing Systems

**FFA**

Students are encouraged to participate in the Burbank FFA Chapter. Membership in the National FFA Organization enhances a student’s learning experience in the classroom by developing their potential for premier leadership, personal growth, and career success through leadership and career development events. FFA allows students to participate in contests, conferences, and chapter functions throughout the year.

**Grading Policy:**

Your final letter grade for the course will be based on the number of points earned through a variety of learning experiences. These learning experiences will include, but are not limited to daily work, homework assignments, field and laboratory investigations, tests and major unit assignments or projects.

Grading Scale:

90-100…A

80-89…B

75-79…C

70-74…D

Below 70…Failing\*

\*To receive credit for a course a student must maintain an average of 70 or above in the overall

course grade.

**Grading System:**

60% Homework, Daily assignments, quizzes, Labs

40%Test

The final semester grade for this course will be based on the following:

The semester exam will account for 15% of the final grade

**Tutorials** – I will be available for tutoring Monday – Thursday morning 8:00am-8:15am

**Required Materials**

1. 2” Class Binder

2. Writing Utensils

3. Glue Sticks

4. Binder Dividers

5. Color Pencils

6. Pencil Pouch

**Classroom / Laboratory Policy:**

Students **will**…

* Respect others at all times.
* Take responsibility for their learning.
* Come to each class prepared with:
	+ Class Binder, paper and writing utensil
* Conduct themselves in a safe manner at all times.
* Contribute to class discussions and actively participate in each lesson.
* Wear required personal protective equipment (including eye and hearing protection) during all lab exercises.
* Act in a professional manner at all times.
* No cards in class
* No electronic devices in class
* Be dismissed from class by the instructor (not the bell).
* Conduct themselves according to this policy during guest speakers, with substitutes and on fieldtrips.
* Follow all instructions given by the teacher.
* Adhere to the classroom / laboratory policy at all times.
* Follow the rules and regulations set forth by the SAISD Student Code of Conduct.
* Be responsible for school issued textbooks and keep them covered at all times.
* Ask before using the restroom or leaving the classroom.

**Pro-Tips for Class**

* Do not ask if we are doing anything today
* Do not line up at the door for the bell to ring
* Do not interrupt me or talk while I am talking
* You may leave class when I dismiss you

**Course Notebooks:**

* Each student will be responsible for keeping a course binder. The binder will be kept in a 2” or larger 3-ring binder. Students must keep their classwork in this binder in the order that it is completed.
* Course notebooks will be periodically checked every nine-week grading period. Students are expected to keep their course notebooks current and up-to-date at all times. Course notebooks are for course related material only.
* \*\*\*Students will **not** be permitted to keep the course notebook in the classroom. Students will be responsible for lost notebooks. If the notebooks is not turned in, the student will receive a grade of 0 for that notebook check and the assignments within that check. If a notebook is lost, the student is responsible for replicating all materials that have been lost. Keep track of this notebook!!

**Behavioral Intervention Policy (based on severity of offense):**

1st Offense – Student will receive a verbal warning

2nd Offense – Students parents/guardians will be contacted.

3rd Offense – Parents/Guardians will be requested to have a conference with the teacher.

4th Offense – Student will be referred to the office for discipline.

It is the policy of San Antonio ISD not to discriminate on the basis of race, color, national origin, age, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the EducationAmendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Es norma del distrito de San Antonio no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o actividades vocacionales, tal como lo requieren el Titulo VI de la Ley de Deprechos Civiles de 1964, segun enmienda; el Titulo IX de las Emmiendas en la Educacion, de 1972, y la Seccion 504 de la Ley de Rehabilitacion de 1973, segun enmienda

**Ms. Hamilton**

Burbank High School Agricultural Science

Student Information Sheet

The following information is needed for my records. Please take a few minutes to complete this form. This is your first assignment!

**Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Grade\_\_\_\_\_\_\_\_\_**

**Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**City\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Zip Code\_\_\_\_\_\_\_\_**

**Father’s/Guardian’s name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Day Telephone:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Mother’s/Guardian’s name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Day Telephone:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

ANIMAL PERMISSION SLIP-
In my classroom, there will be plenty of opportunities for your student to feed, hold, and take care of different species of animals.  All of the animals in the classroom are non-aggressive and child-friendly.   However, animals are unpredictable and may become frightened and bite or scratch.   If an injury does occur, let the teacher know immediately.  Ms. Hamilton will go over the proper handling and care of all of the animals before any students are permitted to touch them. I voluntaryily agree to assume all risks involved with my childs participation in this class including but not limited to: risks of physical injury due to bites, scratches, and other unpredictable actions of animals and allergen exposure.

Parents Signature and Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PARENTS’ PERMISSION RELEASE FOR HANDLING ANIMALS

I hereby certify that my child – Please print\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has my permission to participate in handling the animals in Ms. Hamilton’s room.  I agree and do hereby waive and release all claims against San Antonio Independent School District and any teacher, employee, or other persons engaged in the activity and agree to hold them harmless from any and all liability relating to my child and my child’s property for any injury or damages that may occur.

It is understood that no child will be allowed to participate in this activity until this form is signed by the child’s parent or legal guardian. I give permission for my son/daughter to participate in the class activities involving the animals.

Parents Signature and Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Student:

**I have read and agree to abide by the guidelines and rules for this course.**

**Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Parent/Guardian:

**I have read and discussed the course’s guidelines and rules with my student.**

Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_