



Agricultural Engineering Course Syllabus



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Teacher Web Site: <http://www.cusd80.com//Domain/6371> FFA Web Site: azffa.org

Course Description and Objectives

This course will cover some of the mechanical skills needed in the agricultural industry. Units taught include safety, tool identification and maintenance, arc welding, mig welding, working with the plasma cam, electricity, woodworking, working drawings, and concrete. Students will be required to maintain an SAE. Students will participate in the FFA; where they will develop leadership and skills for career success. **Please remember that this course gives you an elective credit towards graduation, NOT A LAB CREDIT.**

Materials

Please bring the following materials with you to class everyday: **Welding Equipment is optional (if lost, broken, stolen Basha High and Basha Agriscience are not liable to fix, repay, buy new equipment for students/families)**

Mandatory

Notebook (folder or binder)

Writing Utensils - pencil or pen
(blue or black ink)

Closed toed shoes and long pants

Recommended

Calculator

Flashdrive

Tardy Policy

- 1st Tardy - Warning
- 2nd Tardy - Parent contact
- 3rd Tardy - 15 minute detention (lunch or after school) within 24 hours and parent contact
- 4th Tardy - Referral submitted to administration and parent contact

Absence Policy

10 Absences from this class in one semester may result in removal from class.

Conference Period and Tutoring Policy

- Students may use conference periods and after school to make up missed labs/activities or to make up missed assignment.
- Conference period will be on Wednesdays and Thursdays from 9:17 - 9:45.
During this time students are only allowed out of the classroom if they have a pass signed by a teacher or a properly designated color club pass.
- The library is not available during conference.
- Students should use this time to study or read.

Grading

This course consists of three components: Agriculture Instruction/Curriculum, Supervised Agriculture Experience, and the FFA.

1. **Agriculture Instruction/Curriculum**: Grades are not given, they are earned. Grades will be determined by the degree to which objectives are met. Success is achieved through timeliness, neatness, and original work. A large portion of the grade is based on in class projects, as it is a shop class; therefore it is essential to show up to class on a regular basis. Proper preparation, punctuality and participation will greatly affect the in class points, and thus the final grade. Students will keep a warm-up log daily that will be counted for a grade and participation points in the shop will be given at the instructors discretion.
2. **Supervised Agriculture Experience (SAE) Project**: Students will be expected to design a SAE plan in the 1st quarter and implement it by the 2nd quarter. Students will keep an electronic record of this project and are expected to take photos of their project throughout the school year. It will be the responsibility of the student to keep accurate records throughout the school year and submit these records on time to the instructor. Dates will be provided for record submission in advance.
3. **FFA Leadership Grade**: A major aspect to this course is the development of leadership skills, speaking abilities, teamwork and other various skills that will play a major role in every individual's career choice. Students are required to participate in the local FFA activities and have the opportunity to participate in the district, state and national FFA activities. **This will count towards 20% of each semester's grade.** Please refer to the attached sheet for dates of the required events. Other school and community activities can count toward this grade but at a minimal percentage.

Grading Scale:

A = 90 - 100%

B = 80 - 89%

C = 70 - 79%

D = 60 - 69%

F = 59 - 50%

Semester Grade = (40% 1st/3rd Qrt) + (40% 2nd/4th Qrt) + (20% Leadership Grade + Semester Final)

Infinite Campus Access

Parents and students can access grades by going to the school's website and clicking on Parent Connect. Students' information is only accessible by using an individualized password assigned by the school. Parents may contact office personnel/counselor for their child's password.

General Procedures

Late work:

Assignments turned in late, but not due to absence(s) will be accepted, but at half points. All work must be submitted to the appropriate basket to be accepted.

Make-up work:

It is your responsibility to pick up any missed assignments. I suggest making a good friend that you can depend on for notes, etc. Many labs will consist of materials that are available only at the time of the lab. Missed labs must be made up after school within one week. If you don't understand the assignment please ask, I am here to help you. You have two days to make up missed work; otherwise it becomes late work. And worth half points. Class time will not be used to explain missed work.

Syllabus Disclaimer

Mr. Hartfield views the course syllabus as an educational contract between the teacher, students and parents. Every effort will be made to avoid changing the course schedule but the possibility exists that

unforeseen events will make syllabus changes necessary: this includes but is not limited to SAE dates, FFA dates and classroom due dates. The instructor reserves the right to make changes to the syllabus as deemed necessary. Students will be notified in a timely manner of any syllabus changes.

BHS Diversity Statement:

All individuals have a right to an educational environment free from bias, prejudice and bigotry. As members of the Basha High School educational community, students are expected to refrain from participating in acts of harassment that are designed to demean another student's race, gender, ethnicity, religious preference, disability or sexual orientation.

Class Expectations

1. Be in class on time
2. Be prepared with all required supplies
3. Be courteous and respectful to everyone
4. No inappropriate language or profanity
5. No food or drink (except water) in the classroom
6. Phones are not to be used without the instructors permission

Consequences for Inappropriate Behavior

(All decisions will be at the discretion of the instructor)

1. 1st time - Warning
2. 2nd time - Parent Contact
- 3rd time - Removal from class and a referral submitted to administration

DUE:_____

**Agricultural Engineering
Course Statement Acknowledgement
Assignment 25 points**

Information about this course and the course syllabus is available on my website:

<http://www.cusd80.com//Domain/6371>

Please read over the course syllabus/ management plan at your earliest convenience.

To receive credit for the syllabus please email Mr. Hartfield the following information. When the parent receives an email confirmation back from Mr. Hartfield, the student will earn 25 points towards their first quarter grade. This assignment is due by the end of the first week of school.

Mr. Hartfield Email: hartfield.kevin@cusd80.com

Information needed in Email

In the subject line: Students last name, first name and class period
(example: Hartfield, Kevin Period 1)

In the body:

- Parents name
- Parent phone number
- Any other information that will help the year run smoothly
- Approval for use of the internet during the class for assignment/ projects
- Approval for use of student in photos and/ or video (teacher website, Basha FFA facebook, brochures etc). (Please be aware that photos of your student may be used for end of the year slideshows that will be shown within the Basha FFA)

Fall 2018 Leadership Grade

To improve the leadership activities of our chapter and to create a better forum for sharing ideas, we have created a Leadership Grade that will be a part of the semester grade. This grade will be based on your attendance at specific leadership activities and your participation in the FFA organization.

There will be **300** (advanced students) or **200** (new students) **points required per semester** for the Leadership Grade. Students with the highest leadership points for the year will be rewarded with a high points activity. Students may earn up to 25% of their leadership points by participating in other school events (sports, fine arts, academic clubs, etc).

The following are ways to earn points.

15 pts	Pay FFA Dues
50 pts	Attend Basha FFA Chapter Meetings
25 pts	Attend Chapter FFA Activities
25 pts	Serve on a FFA Committee
25 pts	**Participation in the <i>District</i> Events/Competitions
25 pts	**Participation in the <i>State</i> Events/Competitions
25 pts	**Serve as Greenhand Officer
25 pts	**Serve as Chapter Officer

Important Dates to Remember: WRITE THESE ON A CALENDER AT HOME:

August 14	Introduction to FFA & Ag	2:30 – 3:30	25 pts
August 16	Chapter Meeting	2:30 – 3:30 pm	50 pts
August 16	Basha Leadership Workshop	3:30 – 4:30 pm	25 pts
August 17	FFA Dues Deadline *	<i>Paid in the Bookstore</i>	15 pts
August 30	FFA Kick-Off Event	6:00 – 7:00 pm	25 pts
September 10	Greenhand/360 Conference *^	8:00 am – 3:30 pm	25 pts
September 21	FFA Service Project	2:30 – 3:30 pm	25 pts
September 27	Chapter Meeting - Degree Ceremony	6:00 -- 7:00pm	50 pts
September 27	Chandler Invitational (Creed/Parli Pro)^	8:00 am – 3:00 pm	25 pts
October 22	Greenhand Officer Training **^	2:30 – 4:30 pm	25 pts
October 23-27	National FFA Convention**^		
November 2	Service Project	2:30 – 3:30 pm	25 pts
November 15	Chapter Meeting – Begin Penny Wars	2:30 – 3:30 pm	50 pts
November 16	District CDE Day – Competitions**^	8:00 am – 4:00 pm	25 pts
November 30	FFA Bon Fire – Off site	5:00 -7:00 pm	25 pts
December 7	State CDE Day – Competitions**^	7:00 am – 3:00 pm	25 pts
December 13	Chapter Meeting – End Penny Wars	2:30 – 3:30 pm	50 pts
December 15	Movie Night	5:00 – 7:00 pm	25 pts

* Indicates there is a fee associated with this event/activity.

** Indicates that the student must qualify for this event/activity

^ Indicates students must have paid FFA dues to participate in this activity/event.