

Welcome to another exciting year with the Norco Agriculture Department - I hope that you have entered the Agriculture Department determined to learn! You will complete a course that will help you develop skills that will be valuable to you in the future. This class is designed to allow students to further study the areas of welding, power and electricity, and agriculture construction. Time will be spent on individualized projects in the school shop as well as in the classroom. Workplace skills will be taught along with keeping a record of proficiencies accomplished with the students' projects.

### Course Outline:

1. Safety
  - a. Fire extinguisher
  - b. Equipment safety review
  - c. First Aid
  - d. Farm Safety
2. FFA
  - a. Participate in FFA CDE's
  - b. Serve on FFA committee
  - c. Participate in local activities
3. Career Development Skills
  - a. Personal finance
  - b. Job shadowing experience
  - c. Job interview skills
  - d. Problem solving math
  - e. Time management
  - f. Tour agriculture industries
4. SAE
  - a. Record books records
  - b. Proficiency awards
5. Metals
  - a. History and importance of metal
  - b. Properties of metal
  - c. Structure of metals
  - d. Manufacturing of metals
  - e. Classification of metals
  - f. Identifying metals
  - g. Cleaning and preserving metals
6. Arc, MIG, and TIG Welding
  - a. Types of joints
  - b. Weld positions
  - c. Troubleshooting
- a. Safety
- b. Cutting
- c. Computerized cutting
8. Project Construction
  - a. Selecting a project
  - b. Bill of material
  - c. Construction technique
9. Ag Power
  - a. Machinery service schedules
  - b. Rules of the road to operate machinery and equipment
10. Sketching, Drawing, and Plan Reading
  - a. Safety in sketching, drawing, and plan reading
  - b. Sketching and drawing
  - c. Mechanical-drawing equipment
  - d. Basic procedures for mechanical drawing
  - e. Lettering
  - f. Views of objects
  - g. Reading and interpreting
  - h. Bill of materials
11. Life Knowledge
  - a. Critical Thinking Skills
  - b. Positive and Negative Influence
  - c. Earning Trust
  - d. First Impressions

### Classroom Rules:

1. All school and district rules and dress codes will be enforced.
2. Be in your assigned seat and ready to learn before the tardy bell.
3. Show respect and courtesy to fellow students and the teacher.

### Discipline Policy:

1. Verbal warning
2. Phone call to parent or guardian.
3. 30 minute detention in the agriculture department.
4. 60 minute detention in the agriculture department.
5. Referral to vice principal, ACP, or behavioral contract depending upon circumstances.

**\*Instructors reserve the right to expedite the discipline policy depending on the severity of the problem.**

**Cell Phone Policy:**

1. Cell phones may be used to enhance the educational opportunities in the classroom under direct instruction from the teacher. Cell phones should be stored off and away (in backpack), or in the classroom charging station when not being utilized for a teacher led activity.

**Requirements:**

1. Comprehension of **class** content will be assessed with classwork, quizzes, tests, and shop activities. All assignments are to be turned in on time. Work turned in late will be subject to loss of points. (80% of overall grade)
  1. Other factors that can affect grades include attitude, participation (both in and outside of class) and ability depending upon the student and the assignment.
  2. Students who have an excused absence will have one day, for each excused day to complete and submit makeup work. It is the student's responsibility to ask for makeup work after being absent.
  3. Students may schedule time for tutoring or test make-ups with the teacher on an as needed basis.
  4. Students will carry out laboratory exercises with livestock, plants, or mechanics that are related to the course. This could dirty the student's clothes. Please plan accordingly, coveralls are recommended.
2. Students will be expected to carry on some type of ownership, non-ownership, research, or community service program **Supervised Agricultural Experience (SAE)** dealing with agriculture or some related field, and maintain records for that SAE. (10% of overall grade)
3. **FFA** is an integral part of the Norco Ag Department. Students will be required to earn at least 8 FFA activity points per semester. Failure to obtain at least eight activities will result in a reduced grade for all agriculture classes. A list of activities for each semester has been provided. (10% of overall grade)

**Please note - students are unable to earn an A in the course without FFA and SAE participation.**

**Grades for assignments and projects will be determined using the scale below. Please note that some categories of assignments will be weighted more than others.**

90.1 - 100%	earns the grade	A
70 - 90%	earns the grade	B
55 - 69.9%	earns the grade	C
39.1 - 54.9%	earns the grade	D
39% and below	earns the grade	F

Thank you for your cooperation and I look forward to meeting you in the future! I can be reached via email at [clindsey@cnusd.k12.ca.us](mailto:clindsey@cnusd.k12.ca.us) or phone at (951) 736-3241 ext 25423.