



Dallas High School Home of the Dragons



Ag Mechanics

Fall 2013

Instructor: Ms. Pombo

Telephone: (503) 623-8336 X 3212 (classroom) or 3515 (shop)

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Office Hours: Tues-Fri 3:00-3:30, 3rd Period, and additional times by arrangement

Course Description: This course is designed to familiarize the student with basic theory and specialized skills in the areas of: shop safety, tool fitting, farm level concrete work, building framing, preparing plans and small project construction, small gas engine repair, and basic welding skills.

Course Outline

	Unit Topic	Summative Assessment
Unit 1	Introduction to the shop	Syllabus and Procedure Exam
Unit 2	FFA	FFA Exam
Unit 3	Basic Shop Safety	Safety Exam
Unit 4	Tool Identification	Tool ID Practical Exam
Unit 5	Intro to welding theory	Unit Exam
Unit 6	Welding Basics	Welding Demo, Starting Presentation
Unit 7	Starting an arc-6011	Puddle Card Rubric
Unit 8	Carrying a weld-6011	Overlapping Lines Card Rubric/Partner Review
Unit 9	Electrode Options-7018, 7014	Overlapping Lines Card Rubric/Partner Review
Unit 10	Diagonals/Advanced Techniques	Diagonal Lines Card Rubric
Unit 11	Spirals	Spiral Card Rubric
Unit 12	Round/Pipes	Pipe Weld Rubric
Unit 13	Welding Positions- Horizontal	Horizontal Card Rubric
Unit 14	Welding Positions- Vertical up	Vertical up Card Rubric
Unit 15	Welding Positions- Vertical down	Vertical down Card Rubric
Unit 16	Welding Positions- Overhead	Overhead Card Rubric
Unit 17	Mig Basics	Mig Basics Card Rubric
Unit 18	Mig Advanced	Mig Advanced Card Rubric
Unit 19	Cutting	Cutting Project Rubric

Standards to Be Assessed:

1. Standard 1: AG 01.01 - Acquire the specific academic knowledge and skills necessary to pursue a full range of career and post-secondary opportunities within agricultural business and industries. (Rubrics)
2. Standard 2: AG 06.03 - Understand appropriate health and safety emergency procedures for agricultural occupations. (Safety Exams)
3. Standard 3: AG 07.01 - Use leadership skills in collaborating with others to accomplish agriculture related organizational goals and objectives. (Partner Review)
4. Standard 4: AG 10.02 - Use tools, equipment, machinery and technology to work in areas related to agriculture. (Teacher Observation, Safety Exams)
5. Standard 5: AG 06.01 - Understand the importance of agricultural related health, safety and environmental management systems and their significance to organizational performance and regulatory compliance. (Safety Exams and Starting Presentation)

Career Related Learning Standards: Career-related learning standards (CRLS) are fundamental skills essential for success in employment, college, family, and community life. We have integrated the Personal Management standard from the CRLS into all courses at DHS. **This standard will be assessed and communicated independent of the academic grade.** It is included below and mainly includes behaviors that will be assessed in this course.

- **Personal Management Standard:** Exhibit appropriate work ethic and behaviors in school, community and workplace.
 - Students will identify tasks that need to be done and initiate action to complete the tasks.
 - Students will plan, organize and complete projects and assigned tasks on time, meeting agreed upon standards of quality.
 - Students will take responsibility for decisions and actions and anticipate consequences of decisions and actions.
 - Students will maintain regular attendance and be on time daily.
 - Students will maintain appropriate interactions with colleagues.

Grading and Assessment:

Student's final grade for each course will be broken down into two categories:

- 1) **Academic:** based on assessments, tests, projects and performances that measure learning.
- 2) **Personal Management:** based on homework completion and other behaviors measuring the CRLS personal management standard.

The Final grade is calculated as follows: 75% of the course grade will be based on the **Academic** grade and **25%** on the **Personal Management** grade.

- Any items included in the Academic grade (PA) may be retaken and the higher grade recorded. Teachers may extend the retake time period, but as a rule all retakes need to be done within 2 weeks of the initial assessment.

- Students will complete extra preparation before retaking an assessment.
- Personal management work turned in late may be reduced by up to 50% credit.
- Retakes are not allowed on Personal Management assignments.
- Students must schedule performance retakes at their teacher's convenience. (Speech, drama, labs.)

BEHAVIOR EXPECTATIONS OF STUDENTS

Students are expected to demonstrate appropriate behavior in the classroom, on school property, and off campus during District sponsored events. Students are expected to contribute to a safe, caring, learning environment by cooperating in work and play; doing their best to achieve academic excellence; respecting themselves, others and the environment; and, conducting themselves in a safe manner at all times.

Classroom Rules

1. NO FOUL LANGUAGE- 1st or any occasional offense- Sentence writing; additional or frequent offenders may be subject to further consequences
2. Eating/Drinking-
3. Cell Phones/Electronics- Per school policy, should not be visible, refer to student agenda pg. 21
4. Disruptive Behavior-
5. Late Work- 50% of earned credit for all late work, must be turned in by next grading period
6. Unexcused Absence- Cannot make up missed work
7. Excused Absence- work is due in the amount of days missed +1

Consequences

Noncompliant students with any of the above may be subject to the following consequences:

- Teacher warning
- Parent/guardian contact by teacher
- Detention
- Referral to school administration
- In School suspension
- Parent conference
- Loss of participation privileges
- Out of school suspension
- Expulsion

When and Where Rules Apply

- On school District property at all times
- At school District sponsored events regardless of location
- Traveling to and from school or school District sponsored events
- Off campus if the behavior violates the District's Code of Conduct or Cyberbullying policies

ACADEMIC INTEGRITY & DISHONESTY

The faculty and administration of Dallas High School believe that honesty and integrity are personal attributes worth nurturing in our students. Because we value the educational and skill development opportunities provided by classroom assignments, research projects, tests, and credit recovery, we expect students to express academic integrity by doing their own work and properly documenting information gathered from other sources. Congruous with this belief is our resolve to handle those who violate the principles of academic integrity with stringent consequences (see insubordination).

First Offense:

- Contact with the parent
- In-school suspension or suspension for up to three days

Second and Subsequent Offenses:

- Contact with parent; conference with parent & student
- In-school suspension and/or suspension for a maximum of ten school days.

Extra Credit: Extra credit is not offered, however students may be given additional opportunities to show mastery.

Safety: The breaking of any safety rules results in a safety write-up. Each write-up has additional consequences. 2nd- Parent Contact. Possible Suspension/detention 3rd- Same as 2nd plus permanent removal from class

Parents: Please keep the rest of the syllabus. By signing this form, you acknowledge that you have read and fully understood the expectations, rules, and standards associated with Ms. Pombo's Class. If you have questions, please call 503-623-8336 or email using the email address provided in this document.

Parent Name:

Parent Signature:

Parent email Address:

Parent Phone:

Would you like to receive the monthly Dallas Ag Newsletter, created by Ms. Pombo and students, to keep informed about your student's classes, activities, and upcoming events?

- ☐ Yes, by mail
- ☐ Yes, by e-mail
- ☐ No, thank you

Student Name:

Student Signature: