# Course Syllabus

**Name of Course: AMET Agriculture Mechanics III (Advanced Welding Equipment Fabrication)**

**Contact Information:**

**Name: Aaron Albisu**

**Phone: 753-5575 ext 2414 (email is the best way to leave a message; I do not regularly check voice mail)**

**Email: aalbisu@ecsdnv.net**

**Room #: V5/V6**

**Course Objective:**

*Upon completion of this course students will be able to:*

1. Describe, demonstrate and perform safe working skills
2. Demonstrate appropriate methods of general agriculture mechanics in many applications:
3. Perform specific welds to a specific quality (Shielded Metal Arc Welding, Oxy/acetylene, cutting, plasma, Gas metal Arc Welding, Gas Tungsten Arc Welding, Flux Cored Arc Welding)
4. Demonstrate welding (SMAW, GMAW, FCAW, PAC, GTAW)/Oxy Fuel cutting & Welding/Hydraulics.
5. Develop project drawing, Bill of materials, material fees for project depending on student skill ability.
6. Construct project (Individual/Group Projects), personal Project or Program Work.

**Course Requirements:**

* *All students are to wear at all times in the shop, approved safety glasses.(approved safety helmet/goggles/shield for specific job, or task)*
* *All students are to provide and wear at all times in the shop, approved protective clothing. welding protective clothing(coveralls/ closed toed shoes/long hair=welders cap)*
* *Students will supply their own personal set of Classroom/Shop equipment from shopping list provided (talk to me if there is a problem within the first few days on getting any items)*

**Course Description:** Textbook and other resources are provided class copies that may be checked out of class with teacher permission and through my check out policy.

**Class Procedures/Progressive Discipline Plan:**

ECSD Policies will be followed during the duration of this class. Students who do not safely and responsibly follow district and or instructor policies can expect a discipline meeting with instructor. Parents may be contacted, if behavior does not improve student will be permanently removed from program.

**Classroom Rules** I understand that to be a part of this program…

* 1. I will be to class on time with the necessary material, and ready to work.
  2. I will be responsible for my items and equipment at all times.
  3. I will follow all safety, and cleanup, with other general rules.
  4. I will be alert and ready to learn during the entire duration of class.
  5. I will not bring any eating or drinking items (tobacco of any kind) to class.

**Consequences**

I understand that if I choose not to follow all class rules including the above I can expect…

First time = Verbal Warning (unless school rule is broken)

Second time = Class Detention or Referral

Third time = Teachers discretion (parent phone call, Referral)

Fourth time = **There won’t be a fourth time!!!**

**Positive Recognition**

I will see to it as your teacher that you will get positive feedback on any good work, or improvement, or if class rules have been and are being followed. I will give you this recognition through… Verbal praise

Parent acknowledgment by me in person, or by phone

**Class Rules:**

*Safety is always #1* Safe working at all times

*Responsibility #2* Be responsible for yourself/others/instructor

*Respect #3* Always respect equipment/facilities and the #1 and #2 rules.

**Grading:**

www.ecsdnv.net/grading-information

Students will accumulate points throughout the nine weeks. Points will come from the following categories, and will be based on the following percentages:

Students will successfully pass all safety test given by instructor prior to working with equipment in the shop on their own. Test will be passed with minimum requirements set by instructor. Students will be graded on the following criteria.

**Formative Assignments/graded tasks/Timecards ---------------------------------------30%**

**Summative Tests/exams/skill assessments-------------------------------------------------70%**

The district curriculum for this course is located at: www.ecsdnv.net/curriculum-guides

The Nevada State Standards for this course are located at: [www.doe.nv.gov/Standards\_Assessments/](http://www.doe.nv.gov/Standards_Assessments/)

1. Students will be graded on their timecards, notebooks, assignments, tests, and participation in class/shop tasks. Points will be assigned for each graded activity.
2. Students will be required to keep a notebook containing lecture notes, handouts, corrected tests, grade sheets, and any other required material in binder which may be kept in class.
3. Student’s grades are calculated by dividing the total points earned by the total points possible. Example: 250 points divided by 300 possible points = 83%. Remembering the scaled summative 70%/formative 30%.
4. Letter grades are assigned to the percentages based on the scale below.

97 – 100 = A+ 87 – 89 = B+ 77 – 79 = C+ 67 – 69 = D+

1. – 96 = A 84 - 86 = B 74 –76 = C 64 – 66 = D
2. - 93 = A- 80 – 83 = B- 70 – 73 = C- 60 – 63 = D-

1. Students may request to know their grades by making an appointment before school or after school. Grades will not be discussed during class.
2. Parents may request to know their student’s grades by sending a written request via the student or by email. Parents may also request grade checks by checking through power school at any time as grades are updated regularly.
3. Make up of assignments missed due to absence is the student’s responsibility. The student must request assignments to be made up on the first day back from an absence or no make-up work will be given or accepted. The student will have 2 days/day missed to makeup work. Extended family vacations, in excess of 1 week require prior planning on the student’s part.

**Assignments**

1. Major Assessments
   1. **Tests/Portfolio’s/unit tests and assessments/constructed projects**
2. Daily Assignments
   1. **Daily Shop Tasks/Assignments**
3. Participation
   1. **Weekly Timecards/ daily class and shop participation**

**Make up work:**

Policy: Students will have two days for every day they are absent to make up their work. Assignments will be scored as incomplete “I” until the work has been made up.

Students must make arrangements before/after school with me in order to utilize shop equip/facility for makeups.

**Assessment Re-Test Opportunities:**

Re-Tests will be offered if the students can show proof that they have studied the materials necessary and schedule a date/time to re-test.

**Returning work to the student:**

Student work will be grades upon completion**.** Students will receive materials back once all student work has been collected and recorded to ensure individual work/integrity has been achieved.

**Progress Reports and Report Cards:**

Students and parents are expected to use their access to PowerSchool to check on their progress. Printed progress reports may be requested for those students who do not have computer access at home. Report Cards/Progress Reports will be mailed out the week following the end of the nine weeks. Credit will be given at the end of each semester at one half credits per semester.

**Availability for Extra Help:**

Students are welcome to come in before/after school with arrangements for extra help/makeup

Please sign and return the attached sheet. An electronic copy is available on my website at www.schs.ecsdnv.net/faculty-staff for you to refer to as needed.

*Below is a list of items each student is responsible for providing for this class.*

**SHOPING LIST: *Items required for this class, please use list for specific items. Most all of these items can be purchased at Norco/Airgas Welding supply as well Wal-Mart/Ace, etc will have most of these items. Please ask representative for questions or email me with questions. Please not additional items will be provided to students; ??? Do not let them tell you they need a new helmet???Required items must be to class by the designated date (second week for year II/III/Advanced students, and third week for year I Students)***

**Required Classroom Equip**

* **(3) Ring binder (min 1” thick)**
* **lined paper (min 50 sheets)**
* **Writing Utensil that will remain in the classroom at all times**
* **Jump Drive (required for year II/III/Advanced)**

**Required Shop Equip**

* **Welding Gloves (leather AWS gloves Gauntlet style/Long and thick) *Airgas/Norco***
* **Coveralls long sleeved full leg coveralls *(Vogue Cleaners 5th street)***
* **Footwear closed toed leather boot (leather hiking shoes works)**
* **Long Hair students (touching shoulders) will be required to have a welders cap. *Airgas/Norco***

***Recommended items***

* **Ear Protection (3 pairs of ear plugs)**
* **Safety glasses for students with particular needs (over prescription/sizing issues/etc)**
* **Welders cap for all students**

***Shop Facility Locker Agreement:***

The Spartan Welding program has received lockers through a grant process which will allow our students to individually lock their personal welding safety equipment. It will be required for each student to bring their own combination lock to use throughout the year (students will be able to take lock at the end of school year). Year one students will share a lock/locker with student in class

It will be very important that students take care of these lockers as their own property throughout the year. This would include their personal checked out locker as well as others at all times.

Below I have included an agreement for the locker checkout process. Please sign (parent/guardian) to the agreement so students will understand the importance (ownership) of taking care of the lockers, and the process of the loan process (checkout).

***Locker Agreement:***

*I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (student printed name) agree to take care of the designated locker that Mr. Albisu checks out in my name. I agree to take care of my personal locker as well as all lockers in the area. If there are damages to my locker that I have caused, or other lockers that damages incurred by me in any way; I understand that there will be fines put on my student account that would be used to replace or repair the locker or lockers I have damaged. (Signed/Returned)*

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Student Signature Parent Signature Date

**Shop Safety Contract:**

1. I understand that eye protection must be worn at all times in the shop facility.
2. I will follow all safety procedures at all times without exception.
3. Loose clothing/jewelry/long hair (not protected), neck ties, etc can be dangerous
4. I understand that safety signs must be understood and followed at all times.
5. Protective clothing is required and must be worn to protect you the individual.
6. Horseplay of any kind is never allowed in the shop as it can cause injury.
7. I will report all accidents to the instructor, no matter how minor.
8. Cleaning the shop facility is an important part of shop safety.
9. Running is never allowed in the shop as there are many obstacles and sharp objects.
10. All tools and equipment in the shop and tool room must be stored properly and inspected.
11. I understand that this safety contract can in no way cover all safety concerns. I realize that in order to be active in this program I am required to learn and understand safety as the number one priority. I will participate and learn during the safety units as well be required to successfully pass the safety test in order to be involved in this program.

**Safety Agreement**

*I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (student printed name) agree that failure to follow safety rules and procedures in this safety contract and successfully completing the safety test requirements will result in removal from the AMET program. By signing below you are agreeing to ultimately do you very best to comply with all rules and procedures and are in agreement that you can responsibly work safe and understand that your successful completion of the safety unit is required for this program.*

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Student Signature Parent Signature Date