# Principles of Agricultural Mechanics Syllabus

**Instructor: Mrs. Magdelene Legarda, V04**

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**Materials Needed:** Three-ring binder with pockets, paper, pencil/pen, highlighter, Chromebook, closed-toe shoes

**Course Description:** Principles of Agricultural Mechanics is an intermediate course introducing students to basic skills and knowledge in construction and land management for both rural and urban environments. This course covers topics including project management, basic engine and motor mechanics, land surveying, irrigation and drainage, agricultural structures, and basic metalworking techniques. Upon completion of this course, proficient students will be prepared for more advanced coursework in agricultural mechanics.

**Recommended Credit(s):** 1

**Recommended Grade Level:** 10th

**Course Code:** C18H12

**Grading System:**

A 90-100

B 80-89

C 70-79

D 60-69

F 0-59

**Standards/Topics Covered & Course Calendar:** For a complete list of Principles of Agricultural Mechanics Standards please visit the following website: https://www.tn.gov/content/dam/tn/education/ccte/ag/cte_std_principles_ag_mechanics.pdf

**Topics covered in Principles of Agricultural Mechanics are:**

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|---|---|---|---|
| Safety | Careers | Engine and Motor Mechanics | Agricultural Structures |
| Irrigation and Drainage | | Surveying | Agricultural Metalworking |

**Turn in Dates:** Each assignment will have a due date. Classwork is due the date it is given unless otherwise noted. Work turned in late will lose 5 percent per day it is late. Work from August will not be accepted in December.

**Make Up Work:** It is the **STUDENT'S responsibility** to make up all work missed due to absence from class. Students have two days for every day missed to turn in their work. If students fail to make up their work in that time frame, they will be awarded a zero for the assignment.

**Redos and Retakes**: You're human; bad days happen. I get it. I have an unlimited retake policy with two rules: you must fill out a request form to retake/redo an assignment within 2 weeks of receiving your grade, and you may lose the privilege if you abuse the policy. I want you to do well and am here to help you, but I will not be taken advantage of.

**Google Classroom:** Chromebooks and Google Classroom will be utilized as hubs for submitting digital assignments. If a student does not have a Chromebook at any point, they are responsible for communicating with Mrs. Legarda on the best way to complete and turn in an assignment. In these circumstances, normally, students will be asked to turn their assignments in on paper. Not having a Chromebook is not seen as an excuse for not completing an assignment on time.

**Classroom Expectations and Discipline Policies:**

1. All students should be on time and be prepared.
2. Students should be respectful to everyone.
3. Students should raise their hand before speaking aloud. Students should not interrupt others.
4. Students will stay in their assigned seats.
5. Students will speak at an indoor volume when in the classroom.
6. Students will be operating in a shop environment as part of their instruction. They are expected to act maturely and observe all safety rules. Horseplay will not be tolerated. Breaking safety rules will be cause for immediate office referral. More safety information will be sent home at a later date.
7. Participation in classroom and/or shop activities is not an option.
8. No foul language.
9. Cell phones will be left in the student's backpack for the duration of the school day. If a student is caught with a phone in class, it will be confiscated and taken to the office in accordance with school policy.

**Hands-on Work Expectations:** Students will be expected to work in hands-on environments. These opportunities are part of the student's grade. **Lack of work will not be tolerated. Students must wear clothing that is appropriate to the work environment**. Any physical limitations must be communicated to Mrs. Legarda by the end of the first week of class by parent email.

**Virtual Learning:** Virtual students are expected to follow all policies set forth by Richland High School and the Giles County Board of Education. They are also strongly encouraged to participate in class live through google classroom and google meets. All work is to be turned in the time allowed as if the student were actually sitting in the physical classroom. Students must present themselves in a professional manner and contribute to the classroom in order to participate. If Virtual Learning is required, communicate with Mrs. Legarda ahead of time if possible.

# FFA

**Agriculture Organization:** Tennessee is an affiliated state; meaning that by taking this class, you automatically become an FFA member. This organization is an extension of the classroom experience and used to learn more about agriculture and leadership principles. Students are highly encouraged to participate in all chapter activities. We will have bimonthly meetings (one every other month) in the ag room to cover business such as community service, fundraising, competitions, and fun events. More information will be shared about FFA in class.

**Major Assignments and Field Trips (if applicable):** Students will be eligible to attend National and/or State FFA Convention upon payment of their travel fees. Further qualifications for these trips will be communicated when a sign up sheet is posted.

**Supervised Agricultural Experience (SAE):** Part of being in an agriculture class and a part of FFA is establishing an SAE. Each student is highly encouraged to have an SAE and report on that SAE weekly. More information will be provided as we begin class.

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I have received, understand, and agree to comply with the syllabus for Principles of Agricultural Mechanics with Mrs. Legarda for the 25-26 school year.

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Student Signature Date

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Parent Signature Date

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Parent Email