

Power Mechanics II/III

Class Syllabus 2015-2016

Instructor: Mr. Dyer

eric.dyer@wjusd.org

Phone #: 530-681-0251

Website:

I. Course Description

This course is designed to introduce students to the mechanical aspects of agriculture. Primarily we use four stroke cycle engines, such as Kohler, Briggs and Stratton internal combustion engines. Students will learn skills in the following areas: safety, tool and equipment identification, small engines, and tractor operation and maintenance. Students will also complete advanced shop projects. Students will participate in FFA and record keeping. Students will be charged for any and all projects and materials they choose to take home. Class and FFA information will be posted on the teacher website:

www.woodlandhighagmrdyer.weebly.com

II. Course Topics of Instruction

- a. Safety and shop equipment
- b. 4 Stroke Cycle Engines
- c. Tractor Safety and Operation
- d. Farming
- e. Hydraulics
- f. Plan reading
- g. Project development
- h. Project implementation and completion
- i. A restoration project
- j. Construction

III. Grading System

Grading Scale

30%	Class/Shop Participation/attendance
30%	Shop Projects
30%	Classwork/Tests/Quizzes
10%	FFA/SAE

Grading Procedures

1. All written assignments are to be completed in blue or black ink or pencil or on computer. 12 point font and Arial
2. Late assignments will receive a 33% reduction in points per day late and will not be accepted after the 3rd day.
3. Students are expected to come to the instructor before or after school in order to pick up or make up any assignments that were missed through excused absences. Students

have 1 day for every day of absence to make up the work. If you are absent the day an assignment is due, you must turn it in the day you return.

4. Students are expected to keep a spiral notebook with all assignments and notes.
5. Students are required to wear the proper shop attire to receive points for the day. Students have the opportunity to earn 10 participation points per day.
6. Students must restore at least 1 project prior to the end of the first semester.

90-100%	A		60-69%	D
80-89%	B		59% or below	F
70-79%	C			

IV. FFA & SAE Responsibilities

The FFA portion of the grade is evaluated by participation in 3 FFA leadership development events per semester.

Additionally each student in Agriculture Education is required to take part in a Supervised Agricultural Experience (SAE). This is an agriculturally related project that nets at least 10 hours of work and the completion of the FFA Record Book. Raising an animal is not required. More information will be given to the students in class.

V. Class Rules

1. All school and district rules and dress codes will be enforced.
2. Bring class materials daily and be in your assigned seat when the bell rings.
3. Non-class related items will be confiscated. Cell phones and other electronic devices are not to be seen or heard during class unless instructed by the teacher.
4. Due to the nature of our class, for safety purposes, all students are required to **wear long pants, closed toed shoes, and safety glasses at all times during shop activities.** A locked locker will be provided to keep such items.
5. Horse-play, inappropriate behavior and/or unsafe work behaviors have NO PLACE in our class. They will not be tolerated. Bad behavior and attitudes will not be tolerated or allowed.
6. For reference, I am to be called Mr. Dyer.

Consequences

1. Verbal warning
2. After school detention with Mr. Dyer
3. After school detention and a call home
4. Further disruptions or a severe disruption such as fighting, safety issues, or disrespectful behavior will result in a referral to the VP. A shop behavior contract will be signed after a parent conference.

*** Safety violations are immediately referred to the Vice Principal's office

***Due to the extreme potential for accident and injury, students demonstrating lack of concern or care towards the equipment, participants and school environment will be immediately dismissed from the class with an 'F' grade.

Please sign and return the bottom portion to Mr. Dyer no later than Friday, August 28th for 25 points. This form is also online and the Ag Mechanics Link on our website.

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We have read and understand the above policies and procedures for the Power Mechanics 2/3 Course. I understand that Ms. Perry covered the syllabus information completely during class. I will abide by all policies and procedures set out for this class.

Student Name (printed): _____

Signature of Student: _____

Date: _____

Signature of Parent: _____

Date: _____