

Woodland High School
Physic Syllabus 2020-2021
Online Learning

Class Instructor: Jacqueline Jordan

Email: Jacqueline.jordan@henry.k12.ga.us

Onsite Classroom: 328

School Phone: 770-389-2784

School Webpage: www.henry.k12.ga.us/wh

Office Hours: Before/after school each day

Instructor Contact Information: Email me or See remind codes in Google Classrooms for each course section.

Course Description: Physics is the core of all the sciences. It deals with the science of “How” things happen. The primary goal of the Physic course is to introduce the students to the concepts that relate to everyday life. The course will cover the key concepts in the field of Physics including **Motion, Force, Energy, Momentum, Waves, and Electricity**. Students will use inquiry-based science to investigate how the universe works by performing experiments and interpreting results.

Textbook: HMH Physics Online Learning platform that provides an online textbook by Serway and Faughn. This format includes numerous student activities and online labs that will be assigned by your instructor. This online format can be assessed by the student by signing into Launchpad. Click on HMH resources.

Supplemental Text: Glencoe/McGraw-Hill Published in 2009

Suggested Course Materials:

- Three ring binder (1.5 to 2 inches) with 10 dividers
- One 200-sheet package of college-ruled paper.
- 1 Graphic Composition Book and 1 Regular Composition Book
- Standard scientific calculator or Graphing calculator
- Pens, pencils, ruler, and protractor

Course Outline:

Unit 1A: One Dimensional Kinematics

Unit 1B: Two Dimensional Kinematics and Vectors

Unit 2A: Dynamics and Newton’s Law and Free Body Diagrams

Unit 2B: Centripetal Force, Circular Motion, and Universal Gravitation

Unit 3: Momentum, Energy, Work, and Power

Unit 4: Waves

Unit 5: Electricity and Magnetism

Unit 6: Nuclear Physics

School-wide Grading Policy: Semester Final Average

40% of grade: Practice Work- (Digital Homework/Laboratory Notebook Checks, Daily class work, and Formative Assessments, Quizzes)

40% of grade: Summative Assessments (Major Test, Projects, and Lab Reports)

20% of grade: Final Exam

Note: Each 9-week grading period will include a minimum of the following: 9 Practice Work grades, 3 labs/quizzes, and 3 Summative Assessments. Instructions for maintaining the digital notebooks will be provided by the instructor

Tutoring: (Mon-Thur immediately after school till 4pm). Other times by appointment. Email me to request tutoring.

Classroom Rules/Student Expectations/Responsibilities

1. At all times, students should be respectful of teachers and classmates.
2. Students should be on time for class. Attend google meets for classroom instruction and attendance.
3. Student are expected to be active participates in the class.
4. Students will not display cell phones, portable electronic devices, or unauthorized materials in class unless directed by a teacher to do so.
5. Students should show digital maturity while using computers/technology.
6. Students will complete their own work to successfully learn the material. Cutting and pasting from online sources is plagiarism.

Remote Learning Information

1. Student must be present each day, each period on Google Meet.
2. Attendance will be taken each day and each period.
3. Live sessions will be recorded in Google Classroom.
4. Students should follow Google meet expectations by saying hello or waving when they enter the classroom, mute your microphone and cameras on, dress appropriately that follows WHS dress code expectations.

Late-work/Make-up policy

1. Late will be accepted up to three school days after the due date with no penalty. Four school dates after the due date, the maximum grade that can be earned is a 75. After ten school days the missing work convers to a zero and will not be graded.
2. Unexcused absences will result in no grades awarded for the work given while absent. Excused absences allow the student to make up work in the equal amount of time they were absent.

Online Quizzes and Tests Administration

Online summative assessments with be given in Illuminate. Quizzes may be given in Illuminate or some other platform. Instructions will be provided on how to access the quizzes or tests before the date of the assessment.

Virtual Laboratory Procedures/ Laboratory Safety

- During Remote Learning you will be conducting virtual labs or at home labs with common items around the house.
- You must follow all laboratory safety rules when conducting a lab. Specific safety issues will be emphasized and explained at the beginning of each lab. You are required to sign a lab safety contract to verify that you have read all the safety rules before the first lab.
- All lab data must be kept in your digital or paper notebook. Several labs will be conducted in groups. However, each student will complete his/her own lab report. Labs activities will also be assessed by the quizzes.

Academic Integrity Policy:

- It is expected that every student will submit their own original work for every assignment (unless designed as a group project), cite outside sources, and complete assessments with assistance.
- Students should not share their username, passwords, or login information
- Woodland High School will not tolerate any acts of cheating, plagiarism, or falsification of schoolwork.
- Violation of the rules may result in a grade of zero and disciplinary referral to the appropriate Assistant Principal.

BELOW VERIFICATION OF RECEIVING PHYSICS SYLLABUS

Woodland High School
Physics Course Syllabus

Please upload complete form in Google Classroom, email, or send to Dr. Jordan at Woodland High School

Instructor: Dr. Jacqueline Jordan
Room: 328
Year: 2020 - 2021
Course Name: Physics
Textbook Used: HMH online resources

By signing below the student and parent/guardians have read the syllabus and understand the course requirements and expectations outlined in the course syllabus. I will adhere by the classroom rules, laboratory policy, late work policy, and the academic integrity policy.

Use of Technology. I understand that cell phones/ear buds/ headphones and other technology should be put away during class time unless authorized use by the instructor. Violation of the use of technology during class may result in disciplinary action.

I also understand that I may contact Dr. Jordan at Woodland High School with any questions or concerns I might have about the Physics course. Phone: 770-389-2784.

Student's name _____

Student's signature: _____

Parent/Guardian's Name: _____

Parent/Guardian's Signature: _____

Home Phone: _____

Name: _____ Cell: _____ Email: _____

Name: _____ Cell: _____ Email: _____

Thanks, Dr. Jacqueline Jordan, Woodland High School