

Fordson High School

Physics II Course Syllabus 2018-2019

***Contact Information***

Teachers: Mrs. Chebib/Mr. Vader

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Room: D-105

iBlog: <http://iblog.dearbornschools.org/chebibz/>

***Course Description***

Conceptual Physics engages students with analogies and imagery from real-world situations to build a strong conceptual understanding of physical principles ranging from classical mechanics to modern physics. With this strong conceptual foundation, students are better equipped to understand the equations and formulas of physics, and to make connections between the concepts of physics and their everyday world.

***Course Topics***

|  |  |  |
| --- | --- | --- |
| Unit | Chapter | Topic |
| 6 | 25 | Vibrations and Waves |
|  | 26,27 | Sound and Light |
| 7 | 29 | Reflection and Refraction |
|  | 31 | Diffraction and Interference |
| 8 | 32 | Electrostatics |
|  | 33 | Electric Fields and Potential |
| 9 | 34 | Electric Current |
|  | 35 | Electric Circuits |
| 10 | 36 | Magnetism |
|  | 37 | Electromagnetic Induction |
|  | 40 | Nuclear Fission and Fusion |

***Materials***

* Textbook: ***Conceptual Physics***(provided)
* Scientific calculator (for homework)
* 1 composition notebook
* 1 two pocket folder color :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Pencils
* Loose leaf paper

***Attendance***

Students who accumulate 10 absences during the semester, will receive an AUDIT (partial credit) for the class and will have to take the class again the following school year, night school, or summer school.

* 4 tardies= 1 absence
* 2 lates= 1 absence
* 1 late after 15 minutes= 1 absence

***Homework/late work:***

Homework is not optional. We expect every assignment to be done to the best of your ability.

A. Homework is due at the beginning of class and turned into your class folder.

B. Late work will result in automatic half credit.

***Grading Scale***

The grading scale is as follows:

90%🡪92.9%=A- 93%🡪100%=A

80%🡪82.9%=B- 83%🡪86.9%=B 87%🡪89.9%=B+

70%🡪72.9%=C- 73%🡪76.9%=C 77%🡪79.9%=C+

60%🡪62.9%=D- 63%🡪66.9%=D 67%-69.9%=D+

59.9% or below= E

***Retake Policy:***

Students may retake an exam only if they:

A. Have no missing assignments for the current chapter homework and demonstrated effort on the original exam.

B. Turn in a signed parent/guardian retake exam form

C. Be in the assigned retake room on the retake day promptly at 2:20

***Participation Points and Technology:***

Your participation grade will come from your participation sheet. Follow the directions on the form and you will receive full credit. Behavior is directly tied to participation, so if your behavior is not what it should be we will not sign participation on that day. Attendance is also directly tied to participation, so if you are tardy or late to class we will not sign participation on that day. There will be 1 participation sheet per marking period. Our technology policy will follow the school wide cell phone policy.

***Academic Dishonesty*** Students are expected to conduct themselves honestly and with integrity in their work. All forms of cheating and plagiarism are prohibited. Per district policy, if caught cheating during anytime you will forfeit the possibility of becoming valedictorian or salutatorian. Additionally, violators of this policy will be disciplined on a case by case basis and disciplinary measures may include but are not limited to, redoing assignment/test, receiving a failing grade for assignment/ test, or receiving a lower/failing grading in the class.

  
**Class Website and Resource Tools**

* Go to <http://iblog.dearbornschools.org/chebibz/>
* Remind- Tool that allows your teacher to send you courtesy reminders via text messages.
  + Enter this number : 734-367-4496 OR 81010
  + Text this message: @mrscheb

**Physics** II **Chebib/Vader 2018/2019**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hour: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Please sign and return this sheet:**

You must keep your syllabus in your folder. Returning this sheet signed will be your first homework assignment.

Print Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print Parent Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Physics Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Contact Information:

Phone number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cell or Home Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Best time to call: \_\_\_\_\_\_\_\_\_\_ Preferred Method of contact: Email or Phone

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Print Parent Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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