

Fordson High School

Physics I Course Syllabus 2018-2019

***Contact Information***

Teachers: Mrs. Chebib/Mr. Vader

E-mail: chebibz@dearbornschools.org vadera@dearbornschools.org

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 |
| 1 | 1 | About Science (Inquiry) |
| 2 | 2 | Mechanical Equilibrium |
|  | 4 | Linear Motion |
|  | 5 | Projectile Motion |
| 3 | 3 | Newton’s First Law of Motion--Inertia |
|  | 6 | Newton’s Second Law of Motion—Force and Acceleration |
|  | 7 | Newton’s Third Law of Motion—Action and Reaction |
| 4 | 8 | Momentum, Impulse, Collisions |
|  | 9 | Work, Power, Energy |
| 5 | 10 | Circular Motion |
|  | 13 | Universal Gravitation |

***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 unless otherwise stated.

 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:***

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 one participation sheet per marking period.

***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.
	+ 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 grade in the class.

***Class Website and Resource Tools***

* To access iBlog:
	+ Go to <http://iblog.dearbornschools.org/chebibz/>
1. Remind- Online 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

**FORDSON HIGH SCHOOL EXPECTATIONS MATRIX**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Always** | **Classrooms** | **Hallways** | **Cafeteria** |
| **Be** **Respect****ful** | \*Respect yourself and the personal space of others\*Use appropriate language, tone, and volume \*Dress appropriately  \*Accept decisions and directions from staff \*Treat others as you would like to be treated \*Treat school property as if it were your own | \*Wait patiently for teacher’s attention \*Speak when it's your turn\*Listen when others are talking \*Keep room clean  | \*Close locker gently\*Keep hallways clean \*Respect classes in session  | \*Use good manners  \*Wait your turn in line |
| **Be** **Respons****ibl****e** | \*Positively represent yourself and your school \*Come to school prepared to learn: clean, well rested, and fed  \*Recycle \*Keep electronic devices out of sight \*Have your school ID available \*Report spills to a staff member immediately \*Clean up after yourself | \*Be on time\*Bring all required materials \*Begin bell work when bell rings\*Give your best effort  \*Do your own work  \*Participate positively in class  | \*Keep moving toward destination\*Only use your assigned locker \*Stay to the right \*Obtain pass from your teacher \*Ensure lockers are clean, organized, and locked | \*Obtain a pass if leaving early\*Bring your lunch and/or money/ID\*Clean your table and surrounding area before dismissal |
| **Be** **Safe** | \*Report mean, unsafe, and inappropriate behaviors to staff\*Think before you act  | \*Learn and follow classroom expectations \*Keep aisles clear of bags/backpacks \*Wait politely for teacher to dismiss class.  | \*Walk directly to destination \*Walk at a safe pace \*Keep hands, feet, and objects to yourself  | \*Be on time\*Remain seated until dismissed\*Keep hands, feet, and objects to yourself \*Enter and Exit through appropriate doors. |



**Physics I Chebib / Vader 2018/2019**

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

**Please sign and return this sheet:**

You must keep your syllabus in your portfolio. 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

**Physics I Chebib /Vader 2018/2019**

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

**Please sign and return this sheet:**

You must keep your syllabus in your portfolio. 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