

Level Physics

Teacher: Mr. David “Coach” Pink

Periods: 3rd, 4th, 5th, & 6th

Conference: 2nd

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Course Description:

Physics 1 is an introductory course in physics concepts and mathematical & scientific skills necessary for the college bound student.

Tutorials: Wednesdays 2:55 – 3:25 & Thursdays 8:45 – 9:15

Credit: 2 semesters = 1 science Credit

Learning Expectations:

In order to maintain an environment conducive to the academic rigors of physics, it will be essential to have an effective classroom management plan. It is expected that students will act in a mature fashion (participate in class), display academic readiness (pre-reading of instructional topics & keeping up with homework), and maintain self-control (behaviorally). At all times, student behavior should be in accordance with the rules and regulations of the student handbook. Please see attached Classroom Procedures & Expectations.

Classroom Rules:

1. Respect others in the classroom.
2. Follow all teacher directives.
3. Academic Readiness: Bring all necessary materials/assignments to class.
4. The classroom will be an Electronic Red Zone unless directed otherwise by the instructor for academic purposes.
5. Do not speak out of turn. (During lecture or classroom discussion).
6. Bell to Bell Instruction. Time given in class for homework is expected to be used for such, not social interactions. I dismiss you, not the bell.
7. No electronic devices shall be out during lecture, quizzes and tests.

Consequences:

Disruptive or miss behaving students will receive a verbal warning and/or be sent to their respective associate principles office (depending on the severity of the offense). Parents will be notified of persistent classroom behavior problems.

Grading (level courses per district guidelines)

Formative	(quizzes, labs)	40%
Summative	(tests, projects)	60%

Homework

- Will be posted weekly on the Assignment Board.
- When solving problems, ALL WORK (steps in the solution) MUST BE SHOWN in accordance with our “PHYSICS PROBLEM SOLVING METHOD”.
- Upon entering the room, you are to turn in your completed homework to my desk. Some days there will be a warm up activity on the board (or overhead projector). The warm up activity will be either similar to or duplicated from the homework the night before. You are to get seated and start working on it immediately (while I take attendance). I will keep track of the number of homework problems given and how many each student has completed. At the end of the each unit one formative grade will be entered into the grade book as “Percentage of Homework Completed.”
- I will keep track of the number of homework and warm up problems given and how many each student has completed. At the end of the each week one formative grade will be entered into the grade book as “Percentage of Homework Completed.”
- **For Level Physics, in order to be eligible for reassessment, all homework must be completed for any given unit of study.**

Make-Up Work

Make-up work will be accepted if done in tutorials.

AHS Late Work Policy

Summative Projects/Major Papers and Essays/Major Labs/Formative Assessments:

On time:	full credit
1 day late:	max of 80
2 days late:	max of 60
3 days late:	max of 40
4 days late:	max of 20
5 days late:	0

AHS Reassessment Parameters 2015-2016

- Students have a **deadline of one week** to reassess after receiving the original graded assessment.
- **Dual Credit & AP Courses:** reassessment opportunities are not available.
- **Level Courses/Honors/PreAP Courses:** Students may choose to reassess **one** summative assessment per 9 week period. The original assessment and reassessment grades will be averaged regardless of the second test score.
- Reassessment may not be available for the last summative assessment of a grading period due to time constraints.
- Students may be reassessed on the objective(s) they missed and in the modality the teacher selects, i.e., a different test, oral defense, written modes, explanations, demonstrations, etc.
- If students want an opportunity to be reassessed on a summative assessment, **students must:**
 1. Attend at least 1 tutorial session on the non-mastered material.
 2. Make corrections to the original assessment and discuss the assessment with the teacher during tutorials.
 3. Complete all missing assignments pertaining to the unit they want to reassess. Late work policy will apply.
 4. Complete the reassessment form requiring both teacher and parent signatures.

Materials:

Notebook, scientific calculator, pencil, protractor, ruler & colored pencils.

Physics Scope & Sequence
(Subject to change as time dictates)

1st 9-weeks	Math Review, Vectors, 1-D Motion, 2-D Motion,
2nd 9-weeks	2-D Motion, Forces (Statics & Dynamics), Work, Power & Energy, Momentum & Impulse
3rd 9-weeks	Gravity & Circular Motion, Electrostatics, Circuits, Magnetism
4th 9-weeks	Thermodynamics, Waves, Sound, Light, Nuclear Physics

Level Physics
Online Textbook
Form

McGraw-Hill ConnectED

- Log on to the website <http://connected.mcgraw-hill.com/connected/login.do> .
- *For Students:* **hisd+Student ID** and **Novell Password** --- this will be easy for students, as it will be the same as logging into the computer, but with the letters hisd before their Student ID (which is their usual username).

Classroom Behavioral Procedures & Expectations

1. Class Rules
 - Respect others in the classroom.
 - Follow all teacher directives.
 - Academic Readiness: Bring all necessary materials/assignments to class.
 - The classroom will be an Electronic Red Zone unless directed otherwise by the instructor for academic purposes.
 - Do not speak out of turn. (During lecture or classroom discussion).
 - Bell to Bell Instruction. Time given in class for homework is expected to be used for such, not social interactions. I dismiss you, not the bell.
2. If you miss a day of class, you are expected to get the notes from a friend.
3. Tardies
 - You are tardy if you are not in the room (with ID badge) when the bell rings.
 - Door will be closed & you will report to the principal's secretary.
4. Hall /Nurse Passes
 - **No passes will be issued during the first or last 10 minutes of instruction.**
 - Only one person out of the room at a time.
 - You must have a hall pass in order to leave. If you don't, you will be considered as skipping class and assigned an absence/truancy.
5. Fire / Weather / Lock Down Drills
 - For **Fire Drills** we will go out the designated exit of the building and move to the back of the parking lot.
 - Stay together! – Don't run off to see your friends.
 - If you take too long coming back to class, you will be counted tardy (or absent).
 - During **Weather Drills**, get on your knees beside your desk and tuck your head until the all clear signal.
 - During Lock Down Drills, students are expected to get quit and hide under lab tables. Electronic devices will not be allowed to be used.
6. PA Announcements
 - Everyone is expected to be quiet and listen.
7. Copying / Cheating
 - Your parents will be notified.
 - You will receive a "zero" grade that cannot be dropped.
 - A discipline referral will be submitted to your grade level principal.
8. Doing Work For Another Class During Physics
 - I will take it from you for the remainder of the class if you are doing it during instruction.
 - You may work on assignments for another class only when your physics work is done.
 - If you are caught copying another student's paper, I will take it up and give both papers to your other teacher – and fill out a discipline referral for cheating.
9. Disciplinary Procedures (general discipline issues)
 - Verbal warning / conference with student

- Parent contact
- Discipline referral