

Integrated Chemistry and Physics 2018 - 2019

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Course Objectives: This science course is designed to introduce and develop basic principles of chemistry and physics and their associated laboratory skills. It is expected that students upon completion of this course will need minimal review and reinforcement of the skills when they are enrolled in either chemistry or physics coursework.

Grading Categories:

Assessments (tests, quizzes, some projects) 60%
In class work (labs, projects worksheets, activities) 40%

Grading Scale:

90-100% A
80-89% B
70-79% C
60-69% D
0-59% F

Grade Check: You must keep track of your grades. The school gives you a personal account so you can check your grades online. The school gives your parents/guardians a separate account so they can check your grades online too. If you do NOT remember how to access your grade, YOU will need to stop by the guidance office and see Mrs. Ennis. She will be able to help you set up your online grade check account.

NOTE: I like to keep your grades up-to-date. I typically enter grades in between 2:30 p.m. - 4:00 p.m. Monday - Friday.

Extra Credit: Extra credit will ONLY be given to students who have EVERY assignment turned in to me. If you have ALL of your assignments turned in to me and you want extra credit, I will give you an extra credit assignment of MY choice.

Supplies (Bring Daily): Pencil or pen, loose-leaf paper or spiral bound notebook, calculator, and Chromebook.

Folder: You are required to keep a **FOLDER** for this class. I will supply you with a folder. This folder will be stored in the classroom. Put some loose leaf paper or your spiral bound notebook in the right side of the folder. On the left side of your folder, file your homework, assessments, labs, and other returned papers. If there is a question about a recorded grade, the question may not be considered unless you have the graded paper in your possession within the folder.

Graded Papers:

Keep ALL graded papers until I tell you it's time to recycle. Again, KEEP all of your graded papers until I tell you it's time to recycle.

Class Notes and Vocabulary:

Keep your notes and vocabulary in your science folder. Do not throw them away until I tell you to recycle them.

Daily Work: You will have daily work that will need to be completed by the end of the class period. Extended time on daily work will depend on the length of the assignment and the effort you put forth during the class. Please keep all assignments in your folder.

Common Formative Assessments (Quiz): Periodically there will be short assessments given to check understanding of recent topics. You will take most of your common formative assessments on Rose-Prism.

Common Summative Assessments (Test): There will be a summative assessment given over each unit or part of a unit covered. You will take most of your common formative assessments on Rose-Prism.

Labs (Hands-on and Virtual): This class will have many lab opportunities. Labs can reinforce a topic discussed or labs can be investigative and used to introduce a topic. Lab reports can include writing, calculations, and graphs.

Special Projects/Assignments: You will have some special projects throughout the year. The special projects will be counted as a test score.

Calculator: You do NOT need a scientific calculator for this class. I have a class set of non-scientific calculators you may borrow. Cell phones will NOT take the place of a calculator.

Absences: *In the case of an ****EXCUSED ABSENCE****:*

1. It is **your responsibility** to learn the material that was covered in class. You can schedule time with me during enrichment, get together with a fellow classmate, or make arrangements to get help after school.
2. **You** must see me to make arrangements for making up and turning in any work (test, quiz, lab, etc.) that was missed on the day(s) of your absence. Again, it is **YOUR** responsibility to learn the material that was covered in class.
3. Missed work must be turned in by the date given to you by the teacher. Once again, it is **YOUR** responsibility to learn the material that was covered in class.

Late Work: Late work will be accepted, but at a reduced point value (50% credit) within two weeks of when it was due.

Missed Tests/Quizzes: You must make up tests ***within two weeks*** of your absence. Tests and/or quizzes that are not made up within that time frame will be counted as **ZEROS!!**

Science Department Cell Phone Policy: The science department wants to be sure that all our students are focusing on the content in class and the work to be done. Cell phones can be a HUGE distraction in the classroom, so the policy below will be followed:

- At the beginning of each class you will be reminded to turn your cell phone to silent and to put it away. You will store your cell phone in your purse or pocket or Chromebook case from bell to bell.
- Your teacher will inform you of times when phones may be used for class activities.
- Charge your cell phone at HOME -- not off a Chromebook or from a classroom receptacle (outlet). Basically, cell phones are not to be charged in the classroom.
- Cell phones do NOT take the place of a calculator even if you have the best app ever.

Failure to follow this cell phone policy will result in . . .

1. First Offense: Student turns in phone to teacher. Teacher stores students' cell phone on teacher desk. Students will receive cell phone back at the end of class when the BELL rings. Teacher writes you a BIF (behavior intervention form) that is turned in to Mr. Bunner. Teacher emails or calls your parent or guardian.
2. Second Offense: Student turns in phone to teacher. She will store your cell phone on her desk. At the teacher's convenience, she will take your phone and personally deliver it to Mr. Bunner. You will receive another BIF from the teacher. You may get your phone back from Mr. Bunner at the end of the day if that is what Mr. Bunner chooses to do with your cell phone. She will email or call your parent or guardian.
3. Third Offense: There really should be NO third offense. However, this is what will occur if it happens. Student turns in phone to teacher. At the teacher's convenience, she will take your cell phone and will personally deliver it to Mr. Bunner along with a referral. She will email or call your parent or guardian.

Classroom Rules:

1. Respect everyone. Respect your fellow students, your teacher, and all school personnel every day.
2. Entering the Classroom. Be on time because class starts when the bell rings. If you are going to be tardy, you MUST have a WRITTEN pass.
3. Think before speaking. Before speaking make sure you are not interrupting the teacher or another classmate.
4. Be courteous. No one should put anyone down in the classroom. See classroom rule #3: Think before you speak!
5. Encourage each other. Lift each other up by encouraging each other with words or actions.
6. Do your best. Do your best on each assignment, task, or activity.

If the above rules are not followed, these consequences will take place.

1. Verbal warning between the student and the teacher
2. Verbal warning followed by phone call home to parent/guardian
3. Phone call home as well as a referral to the counselor or Dean of Students (Mr. Bunner)

NOTE: Please be aware that you will be sent to the office if your behavior warrants it.

NAME: _____
Last First M.I. Student ID Period

LABORATORY SAFETY AGREEMENT - KEEP IN SCIENCE FOLDER

The ICP lab is a safe place to experiment if you are careful. You must assume responsibility for the safety of yourself and your neighbors. These safety rules are designed to help guide you in protecting yourself and others from injury in the lab:

- 1. REPORT ALL ACCIDENTS AND INJURIES TO YOUR TEACHER IMMEDIATELY.**
2. The ICP laboratory is to be used for serious work. Only businesslike behavior will be tolerated.
3. Do not perform unauthorized experiments. Always follow the instructions that the lab sheet sets forth. Obtain your teacher's permission before trying something other than the experiment given in class. You must have a good reason to even request varying from the lab sheet.
4. Listen to the discussion about lab procedures carefully. If you are in doubt about any procedure, ask a teacher for help.
5. Report any accident, injury, or incorrect procedure to a teacher at once.
6. Use electrical equipment only under the supervision of your instructor.
7. Use Bunsen burners only under the supervision of your instructor.
8. When your investigation is completed, be sure to turn off the water and gas (if used) and disconnect electrical connections. **Clean your work area.** If the lab area is not clean when the bell rings at the end of the period, the entire class will remain until it is clean.
- 9. RETURN ALL MATERIALS AND APPARATUS TO THEIR PROPER PLACES.**
- 10. NEVER eat or drink anything from or in the lab unless authorized by a teacher!**

I, _____, have read and understand both sides of the ICP syllabus and the lab safety contract. I agree to abide by the regulations and procedures outlined in this material. Furthermore, I agree to abide by **ANY ADDITIONAL PRINTED OR VERBAL INSTRUCTIONS PROVIDED BY MY TEACHER** or school district during the school year. I am aware that my parent(s)/guardian(s) can contact you at any time to check on my progress. Furthermore, I am aware that I can contact you if I need help in science.

Student's signature Date

Parent's signature Date

NAME: _____
Last First M.I. Student ID Period

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RETURN JUST THIS PAGE TO YOUR TEACHER! RETURN JUST THIS PAGE TO YOUR TEACHER!