

Honors Chemistry Class Overview 2019/20

Welcome to Honors Chemistry. This course is designed to present the equivalent of a one-year Freshman College Introduction Chemistry Course. It offers the opportunity to earn college credit. Students will gain an in-depth understanding of the fundamentals of chemistry which is outlined in the syllabus. A large portion of the course will involve laboratory activities that would be comparable to a college level laboratory experience. The chemistry class and chemistry lab are separate courses at IU and will be graded for IU separately. They will however, count as one grade for high school as shown in skyward.

College courses recommend 3 hours of study outside of class per class period. Because this is a combined class you may not need to put in this much study time, however you should be doing a minimum of 5 hours per week. This includes not only homework, but also studying previous material. The material will build on each other and end in a **two-trimester cumulative** Final.

1. **Binder** –Organization will be your best friend. You are required to keep an individual binder, or folder, which should be neat, organized and should contain the following:
 - Daily class notes (can be in a notebook)
 - In-class problems and activities
 - Completed homework assignments
 - Graded quizzes and tests
 - Laboratory handoutsKeeping an organized binder/notebook allows you ease of studying for tests, quizzes and exams.
2. **Exams** –Exams will cover several chapters and will generally be worth 45 to 60 points. Exams will correspond to chapter objectives and labs. Having a cell phone not in a closed zipped bag during an exam results in an automatic zero on that test for cheating. You may not have your phone in a pocket.
3. **Quizzes** – Unit quizzes should be treated as a test and are worth 25-40. In addition, there will be short assessment quizzes that do not have to be announced and can come in any form. You should expect a quiz at least once per week. Having a cell phone not in a closed zipped bag during an exam results in an automatic zero on that test for cheating. You may not have your phone in a pocket.
4. **Laboratory Work** – You will be required to do lab reports. Labs are worth a good portion of your grade. Most of the laboratory activities we will be doing have printed directions which will be distributed before the activity. A few labs will be online simulations.
You are expected to review the lab a day prior, prepare any tables and charts, and/or pre-lab sections of the lab report and be ready to discuss all aspects of the directions prior to work beginning in the lab table.

Pre-lab quizzes will be random and do not have to be announced.

A written summary, or report, of the information gathered will follow each laboratory activity. This lab report shows that you have an understanding of both the scientific

method and the principles behind the lab. You will be given a specific procedure to follow for the lab report. This procedure is standard throughout all sciences. The data will be collected in the lab and presented neatly.

Lab reports will be accepted up to three days late with penalties.

Lab reports will not be accepted after this and receive a grade of zero.

If you are absent on the day a lab is performed, YOU must make an alternate arrangement with me **before or the day you return**. An alternate assignment may be given. Failure to do this will result in a 0 on the lab.

These labs will be tested, in some fashion on course exams. Absences for extreme circumstances should be the only reason for missing a lab. Absences for multiple labs may result in your removal from the course. Inappropriate behavior during lab will result in immediate removal from the class for the year.

You will have a final lab exam each trimester that will cover that trimesters labs. You will be able to use your labs for this final. It will be to your benefit to make sure all labs and prelabs are corrected for mistakes.

5. **Homework** – You can expect a homework assignment in addition to your daily class work. homework will be due the next school day, without exception. Homework might include, but is not limited to:
 - a. Reading assignments
 - b. On-Line Video Activities
 - c. Practice problems
 - d. Preparation for tests or quizzes

6. **Extra Credit** – will be announced per trimester.