



Honors Chemistry Academic & Discipline Plan

PROUD to be Crimson Bears; preparing lifelong learners in a challenging and inclusive environment.
Personalized, Resilient, Optimistic, Unified, Diverse.

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Office Hours	8:45-9:10am & 3:50-4:15pm M-F, or by appointment, Room 300	Phone	523-1539

Welcome to Honors Chemistry 2021-2022!

Course Description:

Chemistry is the study of matter and the interactions of matter. It is the branch of the natural sciences dealing with the composition of substances, and their properties and reactions. Chemistry centers on the atom, the properties of individual elements and the basic types of reactions. This is a quantitative course, meaning the manipulation of measurements and data are a large part of the class. A good background in Algebra is essential to success. Laboratory work applies knowledge learned in class. *Please note: Enrollment in a yearlong class is a commitment for the entire school year. Requests for changes must include a conference with the parent, student, and teacher.*

Text(s):

Chemistry: Zumdahl and Zumdahl Chemistry AP Edition (9th ed.), Publ. by Cengage Learning

Please note: Textbooks are issued through the JDHS Library system and must be returned in the same condition at the end of the course or unit of study. Failure to return a book or damage to a book may result in a monetary fine based on the value of the textbook and/or the withholding of grades and/or diplomas by Administration.

Materials to Bring to Class:

Notebook, Paper, Writing Utensil, Textbooks, Laptop, **Calculator – Cell phones are not considered calculators and will not be allowed.**

Learning Management System:

The Juneau School District has shifted to the use of **Canvas** as a system-wide learning management system. This learning management system is designed to support students and families with a simpler and more connected learning experience. It will be one-stop shopping for all of our course assignments, announcements and other relevant information.

Cell Phone Policy: Students will place cell phones in the boxes secured to their tables at the start of the class and lids secured until the end of class. Cell phones are not to be used as calculators or any other purpose in class unless expressly instructed to do so. Violations result in confiscation.

Course Syllabus:

A course syllabus will be provided as a separate document and will be present in Canvas.

Proper Heading for Papers:

Subject, Period Number, Date, Full Name

Course Syllabus: A course syllabus will be provided as a separate document.

Goals/Objectives:

- Understand the atom and basic properties (physical and chemical) of elements.
- Understand why compounds form and the types of reactions.
- Understand the types of reactions.

Curriculum / Standards:

This course will be taught to district standards and district curriculum. The Juneau School District curricular information may be reviewed using the Juneau School District website under the *Departments – Instructional Services* menu item: <http://www.juneauschools.org>. The NEW Alaska State Standards can be found on the Alaska Department of Education and Early Development website: <http://www.eed.state.ak.us/standards/>.

Grading:

Grading on individual assignments and exams will follow the policy adopted by the Juneau School District Board of Education (Board Policy # 6146.7 R). As per board policy, semester grades represent the cumulative progress of students. Students should expect approximately two hours of work outside of a class period per week. There may be exceptions to this for honors, Advanced Placement or other courses that merit extended time by administrative approval. Students enrolled in Honors Chemistry are likely to have, at times, additional work to complete that exceeds the two hour approximation. In an effort to promote balance for students and their families Juneau-Douglas High School: Yadaa.at Kalé will not have homework deadlines on weekends, and you should expect light homework at most during weekend times.

PowerSchool is our system used to display grades and work progress. We are committed to updating student records weekly at a minimum, recognizing the importance of a live-time feedback system for parents and students. Please ensure that you AND your student have access information to use this system in partnership with us.

Grades and Grade Determination:

General Grading: $\leq 60\%$ F; ≥ 60 & $< 70\%$ D; ≥ 70 & $< 80\%$ C; ≥ 80 & $< 90\%$ B; $\geq 90\%$ A

A “-” will be applied to percentages within three percentage points of the bottom (e.g. 60-63 = D-) and a “+” will be applied to percentages within three percentage points of the maximum (e.g. 87 - <90 = B+). Percentages will not be rounded.

Grade Reports are based on the cumulative percentage – a weighted average calculated based on categories (Table 1) that vary according to the subject. Categories are explained below **Table 1**.

Table 1. Proportion of Cumulative Percentage that particular categories represent.

Categories	Weight per category
Participation	5%
Homework	10%
Quizzes	10%
Labs	25%
Exams	50%
Total	100%

Explanation of Grade Categories:

1. Participation

A student's willingness to learn the subject as demonstrated by attendance, adherence to school and classroom policies during class, and engagement during class. Students earn 1 participation point per day, but will lose the points for tardies, infractions, unexcused absences, using cell phones in class, excessive talking, disrespect to teachers, staff, or other students. Students who do not participate for the entire class period, whose behavior violates the **Lab Safety Agreement**, or are ejected from the class for poor behavior or who leave without being dismissed may lose more than 1 point for the day. Students who arrive without materials and/or utilize class time to carry on private conversations not pertaining to class will be docked participation points.

2. Homework

- a. NO late work is accepted.
- b. There will be regular homework. The amount and type will vary. Homework is ONLY graded for completion, not accuracy. Students are expected to check their work, and to ask for help and clarification if their answers were incorrect. **Homework is always due at the start of class.** Homework is always due on the day of return if assigned prior to an absence. If assigned when absent, the student has an equal number of days (as would have been possible) to complete the work. **Being absent does not mean the work is excused.**
- c. **For problems, the work including formula/equation, numbers substituted, and solution must be shown.**

3. Quizzes

- a. Most are announced and notes are usually allowed, however, they may not be retaken or corrected for credit. Quizzes cover small amounts of content.
- b. Quizzes will usually be reviewed either the day they are taken or the following class period.

- c. Quizzes that are missed due to an unexcused absence or an aggravated tardy will receive a grade of 0.
- d. Quizzes that are missed due to planned or excused absences (such as travelling for extracurricular activities) will not count towards, or against, the quiz score grade. Make-ups are therefore not necessary and won't be offered.
- e. It will usually be possible for students to take scheduled quizzes up to 2 days prior to the actual day of the quiz they will miss if travel is known (e.g. for an activity) and they wish to do so.

4. Labs

Classroom laboratory exercises consist of practical and applied activities that will be conducted to reinforce concepts and/or explore content. It is important that students make arrangements for labs they miss ahead of time whenever possible. **It is not always possible to make up labs for full credit as supervision by the instructor must be provided and often labs require longer periods of time than are possible in a school day outside of class.** Additionally, there may be no more reagents for the lab. Students and parents must recognize that participation in in-class labs is an inherent component of the lab grade and that make-up of this component is often not possible due to the time constraints of the school day. Students may use another student's data for a maximum grade of 80% within one week of when the lab was originally conducted. Students are expected to treat glassware carefully. Breakage of lab materials will result in a geometric decrease of points beginning with a 5 point penalty. Students must adhere to the **Lab Safety Agreement** while conducting labs. Serious or repeated violations of the Lab Safety Agreement may result in the loss of permission to participate in lab activities in class, with consequential loss of lab points.

5. Tests

Unit tests and summative exams (Mid-term and Final) will be used to assess mastery of material. Calculators may be used, but work for problems that clearly illustrates the student understands the steps in each of the problems must be shown or no credit is earned. The use of cellphones during tests is NOT permitted, and cellphones may NOT be used as calculators.

- a. Chemistry students may opt to take a different version of the test once per semester after learning the score on the original test, provided they were there to take it, EXCEPT for Mid-Term and Final Exam. Absence on the initial day requires that the make-up test be taken on the retake day. The retake/make-up testing time will be scheduled according to the convenience of the instructor in the week following the original exam.
- b. Calculators may be used on all tests. However, for most problems Chemistry students must show steps in the process of their work or no credit will be awarded.
- c. The **Mid-Term Exam** and **Final Exam** will be used to assess mastery of material for a semester. The Mid-Term Exam and Final Exam are not subject to a retake. The final exam is included in the cumulative (test) grade and does not constitute a separate category. **Students that maintain a 90% or greater average on regularly scheduled tests will be excused from the Final exam.**

6. Extra-Credit

Extra-Credit opportunities may be offered to the entire class periodically. I will NOT generate specific individualized extra-credit for students for the sole purpose of increasing their grade.

Late/Make-up Work Policy and Procedures:

Make-up Work

It is the student's responsibility to inquire about missed work (including tests). A class ledger of assigned items will be maintained on the bulletin board in the classroom and on Canvas. Students have an identical amount of time they missed to inquire about and turn in make-up work.

Planned in Advance Absence

If you are traveling for activities, family, etc., for more than one or two periods in a row, you must arrange for your work ahead of time. **You may not be able to make up certain classroom activities (like labs) for full credit.**

Late Work

Late work will not be accepted in Honors Chemistry.

Resources/Extra Help:

I will provide students with helpful resources and websites as I discover them as class proceeds. I maintain office hours (see top of document) within my room. I will do my best to make students aware of my daily schedule and to provide extra assistance when needed (see office hours above). Students and parents are encouraged to make appointments ahead of time. Email is the best way to communicate and establish an appointment. I will make every effort to respond to e-mail or phone messages within one school day. Students may also receive extra help through the JDHS Learning Center located in the school library. Students are encouraged to form study groups.

Parent-Teacher Contact:

I welcome any/all student/parent inquiries, and I commit to doing my best to respond to emails and phone calls within a day. I am happy to schedule appointments for discussing your students' progress. The best way to contact me is by email, and the best way to track your student's progress is through PowerSchool. In case of emergencies, or if a student displays concerning behavior or a sudden/significant change in academic performance, I will notify parents/guardians.

Behavioral Expectations:

Students are expected to adhere to JDHS policies, as outlined in the Student Handbook, at all times. At a minimum students are required to maintain a notebook containing a record of their performance, notes, handouts, etc., lined paper, graph paper, a pencil and a pen. Further, students are expected to do their best, conduct themselves in a respectful and honest manner, and participate in the learning process in accordance with the JDHS Student Handbook and our society.

Emergency Procedures to Exit:

In the event of fire, drill or other evacuation of the building, you are to exit to the outside via the north stairs facing the Breakwater Inn. We will then gather in the corner of the teacher parking lot.

To dial in an emergency from the classroom phone 9 must precede 911.

Important Class and Lab Safety Rules:

Food is never allowed in class; no beverages are allowed during labs (safety issue). Failure to comply with food/beverage rules results in the confiscation of items, lost participation points, and detention. An additional Lab Safety Agreement will be provided for student and parent/guardian signature.

COVID-19 Policies and Mitigation:

As we return to in-person schooling, it is essential that students, families, teachers and staff abide by COVID-19 mitigation measures to keep our school and community safe. These policies include wearing MASKS which cover the nose and mouth at all times while in school buildings. Additionally, the Juneau School District is committed to being symptom-free. If your student is unable to attend in-person schooling due to symptoms or a positive COVID-19 test, please contact the instructor so that accommodations can be made whenever possible. Students who are unable to attend class due to symptoms are still responsible for completing missed work. Please find up-to-date COVID-19 mitigation policies at jueanuschools.org.

Consequences of Misbehavior and Detention Policy:

- Verbal Warning
- Student/Teacher Conference
- Parent Contact
- Conference with Ms. Surdyk

Referral:

Repeat or serious infractions may result in detention and/or increased detention as well as possible points reduction. Repeat infractions will prompt parental involvement. For more egregious infractions (such as gross disrespect, cheating etc.) immediate parental and/or administrative involvement may result with consequences including discussion, detention, possible points reduction, and referral to administration for further discipline in especially egregious cases.

Please note: Any action that endangers others, seriously interferes with the learning process, or is significantly disrespectful to staff or students may result in immediate removal from the classroom and/or direct referral to an administrator, thus by-passing above consequences.

ACADEMIC DISHONESTY— (From the JDHS Student Handbook):

Academic dishonesty or “cheating” does not allow for any type of true analysis and is not tolerated.

Cheating includes, but is not limited to:

1. Procuring, possessing, using, or distributing tests, quizzes, answer keys, teacher manuals, teacher textbooks and similar materials;
2. Any attempt to tamper with or alter a teacher's record or grades;
3. Representing the work of others as one's own work, whether the materials are plagiarized from another student, a published work or some other source, such as an Internet site.
4. Making use of notes or other memory aids during testing, except for those notes a teacher specifically authorizes for student use during a particular test or quiz, and;
5. Obtaining or offering unauthorized information regarding tests or assignments.

The academic penalty for all parties involved in cheating is a zero or failing grade for any copied or plagiarized assignment, exam, or quiz. Students will not be allowed to make-up the work. Also, the disciplinary penalty for cheating may include an office referral for disciplinary action. Possession and/or

unauthorized distribution of testing materials or altering a teacher's records call for severe disciplinary consequences. **Repeat offenses could result in loss of credit for an entire course.**

Electronic Devices:

Cell phones, iPods, and other electronic devices are to be turned off and out of sight during class unless the teacher has given specific permission for their use. If an item is confiscated for violation of class rules, it may be retrieved from the teacher on the first offense. For subsequent offenses, the item will be turned over to an administrator for retrieval. Boxes located at the end of each counter lab table within my room that students are to place phones during class.

The school district uses **Bark for Schools**, a third-party service that monitors Juneau School District Google Suite accounts for online safety compliance. This system is used to detect cyber-bullying, threats of violence, predatory advances, sexual content and suicidal ideation. There is an option for parents to create a parent/family account so that you are notified of concerning content in concert with the school administrator.

PLEASE NOTE THAT EACH ACADEMIC/DISCIPLINE PLAN REQUIRES A SIGNATURE TO BE RETURNED TO EACH TEACHER. SIGNATURES ARE BEING COLLECTED WITH A GOOGLE FORM. A PAPER SIGNATURE FORM CAN BE PROVIDED UPON REQUEST.

Honors Chemistry Parent Signature form [HERE](#)

Honors Chemistry Student Signature form [HERE](#)

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