

## Chemistry – H: 3101H

Chemistry is a two semester course that deals with the structure and composition of atomic matter. This course emphasizes laboratory experiences to strengthen PROBLEM-SOLVING SKILLS and to teach basic lab techniques. Students enrolled in this class have earned the privilege to be here through exemplary efforts in previous courses. They must maintain these efforts for continued enrollment.

Specific topics that will be covered: Measurements and Calculations, Types of Energy, Classes of Matter, Atomic Structure, Light and Atomic Interactions, Periodicity, Chemical Bonding, Compounds, Balancing and Stoichiometry, Physical and Molecular properties of Gases, States of matter and Equilibrium

**Instructor:** Mrs. Lund

**Room:** C-117

**Email:** mlund@rsd17.org

**Course Website:** The course website can be accessed through the district's main webpage.

**Office Hours:** Listed below are the times I will be available for help and/or conferences. Additional times can to be arranged as needed. Students who need to make up work or are behind may be required to attend one or more of these sessions to make-up work and/or for tutoring.

Student Help/Office Hours:

- Office hours: 1<sup>st</sup> lunch (days TBD)
- After school by appointment

**Teacher Expectations:** In order to be successful, please remember the following:

- Students *earn* their grades; they are not *given*.
- Do excellent work the first time. **There are no extra credit opportunities to supplement poor grades or zeros.**
- Write down all assignments in your planner.
- If you believe that you are falling behind or are having difficulty understanding the material, please see the teacher **as soon as possible**.

**Class Rules:**

1. Respect yourself, your peers, and your teacher.
2. Be on time and prepared to learn every day.
3. Contribute to the learning environment.
4. Leave all electronics, gum, food, or drinks in your locker.
5. Backpacks **must** be left on the shelves provided in the back of the room.

***Any student behavior that disrupts the learning environment will not be tolerated and will be assigned appropriate consequences.***

**Required Course Materials:**

- Textbook: Introductory Chemistry: A Foundation
- Three ring binder with dividers and loose-leaf paper/notebook
  - o You are required to take notes in class. There are NO exceptions.
  - o Sections will include but not limited to: Homework, Notes and Labs
- At least 2 pens (blue or black only) and 2 pencils
- Graphing Calculator (ex Ti-82)
- USB Drive (for projects)

**HKHS Grading System and Attendance Policy** – See *Student Handbook*; Students who do not fulfill the attendance policy may lose course credit due to excessive tardies and/or absences.

**Attendance/Absences:** Students who are absent are responsible for obtaining in-class work, homework, or make-up work during the absence (by contacting the guidance office) or on the day they return. Make-up work will be accepted for excused absences only; you will have 3 calendar days (including weekends) to turn in the assignment. Do not assume that if you were absent, that you do not need to turn something in, or that you may turn it in whenever you choose! If you are absent on the day before an exam (review day) you will still be required to take the exam on the day it is administered.

**Calculation of Grades:** Grades will be calculated using a percent system. It is important that you realize homework is essential for success within this course to solidify concepts but it is not used in the calculation of your grade.

100.0 – 90.0 = A	Each Semester:
89.9 – 80.0 = B	- Labs/Projects.....40%
79.9 – 70.0 = C	- Tests/Quizzes.....60%
69.9 – 60.0 = D	
59.9 – 0.0 = F	Overall: 1 <sup>st</sup> & 2 <sup>nd</sup> Semester:.....80%
	Midterm & Final.....20%

**Course Website & Power school:** Each week, assignments and grades are posted online as an added support for students and parents/guardians. Course information and class resources are posted on the course website. Grades are posted on Power School. Please make sure to check both regularly.

**Laboratory Procedures:** Students are required to complete all laboratory assignments and to work in the chemistry lab productively and safely. It is preferable for the student to avoid missing scheduled laboratory experiences. However, I do provide an after-school lab period (within 5 school days) during which the student can make up the activity. Extended time will be given to make up the accompanying assignment. Students who do not complete a chemistry laboratory experience will receive a zero for that assignment. Laboratory safety will be covered separately

## **Haddam-Killingworth High School Science Department Homework Policy**

Homework is defined as the time students spend outside the classroom in assigned learning activities. The Haddam-Killingworth High School Science Department believes that homework should be to practice, reinforce or apply acquired skills and knowledge. We also believe, as research supports, that assignments completed and well done are an effective part of the learning process. Homework should serve in the development of independent study skills and we believe that completing homework is the responsibility of the student.

It is the intention of the Haddam-Killingworth High School Science Department to assign relevant and meaningful homework assignments that reinforce classroom learning objectives. Homework should provide the opportunity for students to apply and reinforce information presented in class, complete unfinished class assignments and should build student responsibility, self-discipline and lifelong learning habits.

**\*\*Note that highlighted areas are specific to all upper level classes:**

Please note that students will be assessed on homework as follows:

- 2 (Valid attempt at completing homework)
- 1 (Partial attempt at completing homework)
- 0 (No attempt at completing homework)

**Homework/Classwork:** Homework will be assigned and some of the problems will be discussed in class. Homework will be checked.

**Labs/Projects:** Students will regularly participate in demonstrations, labs and projects. Some labs and projects will require work outside of class time and/or materials from home to facilitate participation. Labs and projects **turned in after the class period it is due** will be assessed in the following manner.

- Assignments that are turned in late will be assessed at one letter grade lower.

**Tests/Assessments:** Tests and assessments will be based on both new concepts and concepts discussed earlier in the semester. Depending on the length and amount of material covered, they will weigh differently in your overall grade. The format may include some or all of the following: true/false, matching, multiple choice, fill-in-the-blank, and short answer/essay.

**Midterm:** At the end of the first semester, a midterm exam will be administered that will assess the material covered during the first half of the year.

**Final:** At the end of the second semester, a final exam will be administered that will assess all the material covered during the second half of the year.

## Student and Parent/Guardian Acknowledgement

It is important that all students and parents/guardians understand the course information and requirements in order to be successful in this class. If you have any questions or concerns at any time, please discuss them with the instructor as soon as possible.

**Please check all boxes that apply:**

- |   |           |   |
|---|-----------|---|
| <input type="checkbox"/> We have read and understand the syllabus for Honors Chemistry.   | <u>OR</u> | <input type="checkbox"/> We have read the syllabus, but need additional information about: _____  |
| <input type="checkbox"/> We will use the course website to stay updated about coursework, and Power School to review grades and progress. | <u>OR</u> | <input type="checkbox"/> We do not have reliable internet access and will need assistance in staying updated about coursework and grades. |

_____	_____	_____
Student Name	Student Signature	Date
_____	_____	_____
Parent/Guardian Name	Parent/Guardian Signature	Date

## Contact Information

- I/We **do not** wish to maintain contact through email.

Preferred method of contact: \_\_\_\_\_

- I/We **do** wish to maintain contact through email: \_\_\_\_\_

\*\*\***Please** send an email to [mlund@rsd17.org](mailto:mlund@rsd17.org) that includes the following:

- Student's name, Course, and Period
- Parent/Guardian's name(s) and relationship to student
- Additional contact information or comments if necessary

Additional Comments: \_\_\_\_\_

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