

ECCO High School
Chemistry Foundations- Syllabus

This is a working draft, content is subject to change

Si necesita más información en Español sobre esta clase, por favor comuníquese con Molly Gillett o por correo electrónico gillett_m@4j.lane.edu

Course: Chemistry Foundations-A

Instructor: Elisa Halemeier

Class location: 115

Office Hours: Daily 6th period (by appointment)

Class Time/Dates: Daily (Periods 7&8: 2:20-3:55pm)

Course Website: http://blogs.4j.lane.edu/halemeier_e/

Required Text: none

e-mails: halemeier_e@4j.lane.edu

Phone: (541) 463-3930

Course Description:

In this trimester of Chemistry Foundations- (Kitchen Science) you will be learning and applying numerous ways to help develop your scientific & academic skills such as critical thinking & inquiry. This course is an introduction to physical science and general chemistry. We will be studying foundational physical science and chemistry topics including: **atoms, molecules, periodic table, and chemical reactions**. Chemistry Foundations-A will also be a place where you will practice various study skills techniques, such as Cornell Note Taking, critical reading, and marking the text. We will be looking at science we use daily in our kitchens, the course will focus on labs and topics. Lastly, this course will hopefully be a little fun along the way. 😊

Course Behavioral Expectations:

1. Come to class **prepared** (INB, writing utensils, etc) & **on time**
2. Treat all humans & other animals with **respect** & in a **positive manner**
Foul or inappropriate language is neither acceptable nor tolerated.
3. Treat all materials (textbook, lab equipment, etc) with **care**

To raise new questions, new possibilities, to regard old problems from a new angle, requires creative imagination and marks real advance in science.
-Albert Einstein

Units of Study:

Standards in the following areas from the Next Generation Science

Standards will be addressed:

History and Nature of Science

Science and Technology

Life Science

Science as Inquiry

Science in Personal and Social Perspectives

Earth and Space Science

Physical Science

CCSS ELA- Science Literacy and Vocabulary in the content area

Grading Policies:

Your grade in Chemistry Foundations is based on the points you earn on assignments, projects, labs, quizzes, tests & any extra credit work you complete. Your **overall grade** is comprised of the following:

Category	Percentage	Description
Assignments/Projects	35%	In-class work, Homework assignments, Projects & Papers
Labs/Tests/ Quizzes	35%	Planned unit tests, quizzes & Labs
In-Class Participation	20%	Lab Safety, In-Class Participation

Your grade will be posted on **Synergy** at regular intervals during the grading period & a detailed individual printout is available at any time upon request. Final letter grades are determined using the following scale:

90-100% = **A** 80-89.9% = **B** 70-79.9 = **C** 55-69.9% = **D**

Assignments, Tests & Quizzes:

Assignments & Labs are due at the beginning of the period into the turn in boxes unless otherwise indicated. Tests & quizzes are to be completed & turned in the same class period

Calculators may be used for math, unless otherwise stated on a lab or activity.

Missed classes:

1. **Look up** the Warm-up questions & activities using the website's daily schedule slideshow.
2. **Complete** Warm-up & Schedule of activities
3. **Pick up** any papers or assignments you missed
4. **Check in** with me about any questions or clarifying that is needed

Late work:

Turn in assignments/projects on time for **full credit**. Late work will be accepted; I would much rather see your thoughtful work, than not! All late work must be turned in by the 6 week grading periods. Students may earn partial credit each 6 weeks.

Laboratory Policy:

There will be numerous labs to complete over the course of Chemistry Foundations. To keep the labs at a manageable level and for the **safety** of all students, it is imperative that you **follow all directions** for the lab very specifically. Failure to do so will result in suspension of lab privileges, as well as substitution of a written activity. If you miss a lab, you will be either given data to process or be assigned an alternate activity.

Attendance Policy: (see Student Planner/Handbook for more details)

Absence* = gone from class for entire period

Tardy* = late to class (<10min=Late, >10min=Very Late)

If you are not in class, we will miss you! Please show up, you are a valuable part of our learning community!

If you are late, please come to class! Please enter quietly and be ready to learn!

Bathroom: If students are gone from class for longer than 10 min they lose participation points for the day and are marked tardy. Students must sign out and in at the clipboard by the door.

Food & Drink Policy:

LAB DAYS: NO Food or drink in class, **except** unsweetened water in a sealable container (i.e. personal H₂O bottle or purchased bottled H₂O)

All other days: health snacks and beverages are okay, but only if there is no messes left (please clean up after yourself)

Gum: OK, as long as I don't see it, hear it, or find it stuck places!

Academic Integrity:

It is expected that students will respect and be held to a high level of academic integrity. Academic Integrity is not something taken lightly at ECCO. Breaches of academic integrity include cheating, copying assignments, plagiarism (presenting another's work as your own), and facilitation of cheating/plagiarism/copying. We expect our students to hold themselves to a high level of integrity; students who choose not to do so will face consequences, including but not limited to, receiving a zero on the assignment/project/test, referral, and parent notification.

Integrity is doing the right thing, even when no one is watching.

-C. S. Lewis

We want our students to be held to an academic standard that prepares them for both future college and career paths. The following information on plagiarism is taken from Lane Community College.

"Members of an academic community have both rights and responsibilities. Faculty, students and staff must demonstrate integrity in their work and deed. They must treat others and their ideas with respect and exercise honesty in written and spoken exchange.

Plagiarism: All work submitted in this course must be your own and must be written exclusively for this course. The use of sources (ideas, quotations, paraphrases) must be properly attributed and cited. If you are found guilty of plagiarism on an assignment, you will receive a zero for that assignment and be referred to a judicial advisor."

ECCO's Mission: Come willingly. Find your purpose. Do the work. Leave prepared. Live empowered.

"I learned that courage was not the absence of fear, but the triumph over it. The brave man is not he who does not feel afraid, but he who conquers that fear."

- Nelson Mandela

Electronic Device Policy:

Cell phones/Electronic Devices need to be **OFF** and **AWAY** at the start of class. These devices should be stored and secured for the duration of class (the exception being 'tech on' time). During labs materials could be used that could hurt/destroy your technology we will not be liable for technology hurt by not following the guidelines.

Use of electronic devices in class will result in the student losing class participation points and potentially, the ability to participate in labs (for my and my classmates' safety) if I do not follow the tech policy and other lab safety expectations.

*Young parents may have their cell phones available and accessible for contact with the childcare center.



Graphic from: <http://seanw.es/LSOh/o>