

Honors Chemistry I Fall 2024 Syllabus (Davis)

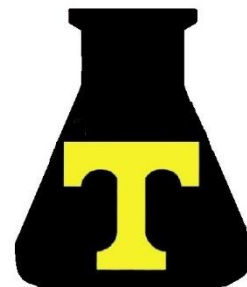
Contact Information

Jim Davis (Room C-7)

Email: jdavis@haywood.k12.nc.us

Google Classroom (Class Code: fg55gti)

Quizizz: Quizizz will automatically make an account for you. If Quizizz assignments are not appearing in your google classroom, let me know as soon as possible to keep from falling behind.



Course Description

Honors chemistry I is an investigation of the structure of matter along with chemical reactions and the conservation of energy in these reactions. Inquiry is applied to the study of the transformation, composition, structure, and properties of substances. The course focuses on basic chemical concepts and incorporates activities that promote investigations to reinforce the concepts.

It is extremely important that students' spend approximately ten minutes each night reviewing that day's lesson. In addition, on some nights homework will be necessary, but, should rarely require more than 1 hour for completion. It is CRITICAL for students to seek immediate help when needed.

In addition, Honors Chemistry students will also be required to prepare a science fair/research project, the project will require class members to think as research scientists. The educational benefits are numerous, developing skills in writing, oral presentation, creative thinking, and problem solving. Each student will be given instructions and handouts outlining steps to follow for their project. Work for this project will be completed both during and after school hours, and all Honors Chemistry students are expected to complete this process.

Materials

Students should have the following for use each day

- HCS issued **Chromebook** and charger (will use daily)
- **# 2 pencils & black-ink pens**
- **Composition notebook** that is maintained in a neat orderly condition. This notebook will contain a record of student's laboratory and classroom activities. (**An alternative** is to use Google Products to maintain a "virtual" composition notebook (using folders to categorize recorded notes/data)).
- **Calculator** (scientific or graphing)
- **Colored pencils** (to enhance notebook/handout drawings, graphs, and diagrams)
- **Binder or Folder** (~1.5") (to hold handouts/miscellaneous papers). If using the "virtual" notebook, make sure that handouts etc... are stored in an organized manner.

Expectations

- **RRR** - Every student is expected to maintain the three R's every day: **Respectful**, **Responsible**, and **Reasonable**. This includes (among other things): being in class on time, having all the necessary materials for the day, participating in class activities and discussions, using a kind tone when speaking to others, and listening when others are speaking. If students can be respectful, responsible, and reasonable, it is much easier to incorporate a wide range of activities into class-time that will make class enjoyable and more rewarding for all.
- Be polite. Rudeness is not tolerated. Bullying in any form is unacceptable. Violations of school and/or district policy and procedures will be addressed in conformance with existing disciplinary policies.
- Cell phones, air pods (ear buds), headphones, and other electronic devices are prohibited during chemistry class (except when teacher permission has been given for that instance). Cell phones and other electronic devices should be put away (not visible during class). Use of electronic devices without permission will result in student referrals.

Grading Policy

- 1) Grades are maintained and averaged using the Infinite Campus grade recording system. 25% of the final grade for all classes in North Carolina public high schools is determined by the final exam score. The remaining (75%) of the final grade will be comprised from the following: of the following categories:
 - a) **Tests**, (30 %)
 - b) **Class assignments** (40 %): Class assignments include labs, homework, quizzes, and review and practice sheets. Not all assignments will be graded, but everyone is expected to complete every assignment.
 - c) **Question of the Day** (10 %): Question(s) given at the start of class to reinforce or introduce learning concepts.
 - d) **Project** (10 %): To reinforce chemistry knowledge, projects and extra activities will be assigned. Students will prepare a science project in this class.
 - e) **Participation** (10 %) **RRR**: Student active and positive participation during classroom activities is reflected in this category. Students are expected to participate in all classroom activities in a productive manner.

Office Hours

My office hours are Monday through Friday 9:45 am to 10:45 am. You may send questions by e-mail or Google Classroom anytime and I will respond as quickly as I can to your message.