

Applied Chemistry

Welcome to Applied (Honors) Chemistry! I am excited to learn and grow with you this coming year as we gain a greater appreciation for our Creator through science.

I have tremendously high expectations for all my students and refuse to accept sub-par work, disruptions, or idleness. The standards will be set and remain high all year long. You will work hard from bell-to-bell each day in this classroom. Students should also be prepared to study intensely and frequently for quizzes and tests.

There are many difficult topics covered in this course. It is not unusual for students to struggle through some of the content. It takes a great deal of motivation, maturity, diligent study, and dedication to learning to do well. It is extremely important that you never get behind during the year.

Contact Information:

Steph Hopper

Room: A203

Ext-1475

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(Please be aware of the unusual spelling of my first name)

Interactive Textbook

<https://connected.mcgraw-hill.com/connected/login.do>

Canvas Website

<https://swfca.instructure.com/>

Username: first, last name@sfcakings.org

Materials – Bring Daily

- 3 ring binder to keep in class/folder for current assignments
- Pencil
- Calculator
- Periodic table

Technology –

- “All high school students are required to have a fully functioning laptop in class each day. Cell phones and other tablets are not acceptable devices.”
 - o If you do not have a fully charged device you will receive a 0 on any quiz or test.

Objective of Class –

As we study God’s creation, we study his design and his power. This is what the purpose of science ought to be from a Christian worldview. Science is a noble study of God’s creation. It is the second greatest revelation of God to us (the first being the written word of God in the Bible). Science is not a study that, in any way, should push us away from a belief in God. On the contrary, science, even in the very academic sense, should push us towards God. The hope is that students will become equipped in understanding God’s creation through the study of science so that they can dispel any of the myths they will encounter as they mature.

Course Expectations – See Canvas for greater detail.

Expectations include the student work on science every school evening. If there is no specific home learning given, it is your responsibility to review or work on upcoming assignments or reading. Saving all studying for the night before an assignment or test is not practical. Watching, LISTENING, and answer the questions in the Cornell notes located on Canvas, is a large part of being prepared for class. If you are not prepared, you may not be able to finish in class assignments or answer questions that are graded for participation.

What am I going to do in your class?

Home learning – Whether or not a student spend less or more time on homework depends on organization, study skills, use of time, homework environment and other factors. All assignments are due at the beginning of the hour. If the student does not have the assignment at the start of class, the grade will be a 0 in renweb.

- *Reading and Cornell note taking (with questions) –*
 - o *With whom?* Individually (Sharing or group work is considered cheating).
 - o *Where?* Located on Canvas in each chapter module.
 - o *How?* Pull up the CN video and LISTEN to me drone on and on about a subject I love. While doing so, underline, highlight, add additional information as needed. Answer the questions at are at the end.
 - o *Why?* Being prepared for class will help you understand the PowerPoints and class notes so that you can answer questions for in class participation points. It also helps with anxiety, and helps you to ask super great questions in class.

We (my child and myself) understand the importance of keeping up with CN and what is expected from the assignment. _____ initial here

Lab component – A large part of science is doing. There will be many labs and demos throughout the school year. In the first week of school, I show proper laboratory technique. You will be required to sign a safety contract; without it you cannot participate and will receive a 0 for the experiment analysis.

- *Pre-lab videos/Pre-lab as assigned –*
 - o *With whom?* Individually.
 - o *Where?* Located on Canvas under the chapter module, under the lab heading.
 - o *How?* Either watch the video or read through the background, procedure, safety requirements, and cleanup. Print out and add notes or vocabulary definitions, whatever is most helpful for you.
 - o *Why?* Pre-lab videos and the background for the lab help you understand how to ‘do’ a lab. If you are not familiar with the procedures, you may be asked to leave the classroom or stop preforming your lab. Safety for you, your classmates, and myself is key! This will count against your lab safety points and the analysis for the lab (quiz grade).

We (my child and myself) understand the importance of reading the lab experiment before coming to class and to ask any questions if needed. We also understand lab safety points will be removed from the gradebook if procedures are not followed appropriately. Finally, we understand safety is important and the student may be asked to leave the lab if procedures are not followed by themselves or their group.

_____ initial here

- *Laboratory experiments –*
 - o *With whom?* Group work. Each student is responsible for collecting their own data, data will not be shared after the experiment is complete.
 - o *Where?* After the experiment is complete and cleaned up, the student will get a copy of the analysis and a copy of the background to complete in the timeframe allotted.
 - o *How?* The analysis is complete using the data from the experiment, the CN, book, in class notes. Being up to date with the content of the class is important to answer the analysis

questions as this is a quiz grade. The analysis has a specific time frame in which the questions are to be answered, if the student is not finished, I grade what I get.

We (my child and myself) understand the importance of keeping up with class content for writing the lab analysis. It is the student's responsibility to be prepared for class to make efficient use of time when doing the lab write analysis. If the student is unprepared, they may not finish the write analysis (quiz grade) in the time allotted. _____ initial here

Tests/Quizzes –

There are no tests retakes or test corrections. Each test has a bonus round to cover any silly mistakes that may be made. If you are tardy without a pass and miss the reading and vocabulary quiz, you will take a 0. There will be an alternative test given to those who do not take the test on the date given.

_____ initial here

Category Weights –

- Quizzes – 30% (Canvas reading quizzes will be entered as one grade in the gradebook under the chapter number)
- Tests – 50%
- Participation – 20%
- Semester exam grades count 20% of the semester average.

Student Expectations –

- It is expected that every student will conduct himself in an orderly, courteous manner at all times with prompt and respectful obedience to all school personnel, following all adult direction without comment. If a student questions a teacher's decision, he/she should speak to the teacher privately after class. At that time, he/she should respectfully explain the situation and wait for the teacher's response.
- It is expected that every student will respect the feelings and rights of others. This includes students, teachers and visitors.
 - o Class rule: Love God and each other – Matthew 22:36-40
- It is expected that every student will conduct himself in an honest manner, avoiding such actions as lying, stealing and cheating.
- It is expected that every student will be on time to each class and be prepared with a proper mental attitude and all their necessary materials, books and assigned work.
- It is expected that every student understands that the teacher's desk, computer, and other personal belongings and work area is personal property and will be treated as such.
- It is expected that every student will remain in compliance with the classroom teacher's rules, policies and procedures.

The following methods of maintaining classroom discipline will be followed:

- The student will receive a verbal warning.
- The student will receive a written warning that will be sent home to the parents via FACTS.
- The teacher will contact the parents by phone or through email and a conference may be requested.
- The teacher will assign a penalty to the student in the form of a detention, written assignment, or other discipline deemed appropriate.
- The teacher may refer the student to the Administration if all above actions have been taken.

Absences – Please be familiar with the student handbook regarding absences.

- If you are absent – sick or otherwise, whatever was due that day is due the day you return. _____ initial here
- If you are taking a vacation with family or school (sporting event, choir, etc....), you must tell me so that I can give you your work, so you do not fall behind. _____ initial here
- If you are at school at any point in the day but miss my class, you are responsible for turning in the days work and getting what you missed from my class. This is your responsibility; I will not seek you out. You will get O's for the work if not handed in or picked up. _____ initial here

Availability –

- Help sessions and study sessions are available every Wednesday from 2:50-3:30. There is no need to make arrangements with me, as I will be there waiting for you. _____ initial here
- You can find the days of the study sessions on the week home note. _____ initial here

CLEP Information –

A requirement of taking Honors (Applied) Chemistry is a CLEP exam in May. Due to this requirement, you are not allowed to exempt the midterm or final exam even if you have an A average. The CLEP exam will take the place of the final exam, you will not be graded on the exam score. The midterm will be a cumulative CLEP exam over the content that is covered first semester.

Each student will sign up for an account in Modern States the first week of school. The student is responsible for maintaining and working in the account during the school year. When the student has completed the course, Modern States will pay for the CLEP ticket, an \$80 value. Please be aware this is not an assignment I have due dates for, so it is up to the student to stay on track. Pass rate after completing Modern States is significantly higher than not.

Signatures -

Parents AND students, read through the syllabus and **initial** where applicable. Also, check out Canvas to see the resources your child will be given during this class (extra practice, extra credit, videos). Parents, there is also a place just for you on Canvas if you are interested in helping your child through chemistry this year. If your child is struggling, this is where you can look for ideas on how to help them at home.

- My child and I have read the syllabus given.
- My child and I have logged into Canvas to view all the resources they can expect to have during the year.

By signing this form, you understand the basics rules, expectations, and importance of home learning on achieving a desired grade for the class.

Student Name Printed _____

Student Hour _____

Student Signature _____

2022-2023

Parent Signature _____

Again, if you have any questions, please do not hesitate to email! Just remember the unusual spelling of my name – stephenie.hopper@sfcakings.org

Please return this signature sheet no later than Monday, August 15.

Looking forward to a great year!

Mrs. Hopper