

The purpose of the Science 10 Honours course is to start the students in the advanced placement program. Sections of senior chemistry and senior physics are covered. The regular Science 10 content will also be covered.

The following sections of senior chemistry and physics will be covered:

Chemistry Numbers Large and Small
 The Mole
 Chemical Reactions
 Stoichiometry
 Composition of the Atom

Physics Time, Distance, and Displacement
 Velocity and Acceleration
 Vectors
 The Acceleration of Gravity
 Forces
 Newton's Laws
 Momentum
 Work and Energy

The regular Science 10 topics include:

Life Science: Genes are the foundation for the diversity of living things.

Physical Science: Chemical processes require energy change as atoms are rearranged.

Physical Science: Energy is conserved and its transformation can affect living things and the environment.

Earth and Space Science: The formation of the universe can be explained by the big bang theory.

A more detailed description of the regular Science 10 outcomes can be found at

https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/pdf/10-12/science/en_s_10_elab.pdf

Evaluation:

Each term is 40% of the final letter grade.

The final exam is 20% of the final letter grade. The regular science 10 learning outcomes will be covered either through integration with the honours outcomes, or as extra units at the end of the course.

Each term will have:	tests and quizzes	50 – 60%
	labs and assignments	40 – 50%

Although homework is not included for marks, it is possible I will ask to see it.

For this class you will **require a scientific calculator**. You will not be allowed to use a graphing calculator on any test or quiz.

I expect that you will try your best on any homework, labs, or assignments that you are given. Incomplete or poorly done work will be returned to you to be revised. Your mark for the work will be treated as if the work is late. It is my expectation that you will hand-in work on time. However, if you require extra time you will not lose marks provided that work is handed-in before the assignment or lab is returned to the rest of the class. Assignments or labs handed-in after others' work is returned will receive half of the mark you earn. I generally return work the next class, so do not delay. Warning: I will keep track of how often your work is handed-in late. You will only be allowed one assignment in after the due date before your work habit mark will be affected. In other words, two lates means an "S" not a "G".

As this class is very fast paced, it is important that you get the notes from a reliable source in the class and check with your source to ensure you got any missed handouts from me. As well, please check my website for the summary of what was done in the class each day, what the homework is, and for warning of upcoming tests. <https://calebwilkison.weebly.com>

I am generally in my room at school by 8:15 a.m. on Monday, Wednesday, and Friday mornings and after school if an appointment is made. If you need extra help I would be more than happy to help you. It is my suggestion that you do not leave assignments and labs until the last minute to complete. This way, if you need extra help there is time for you to get it. Remember, if you need help there are likely others who do too and there is only one of me.

Missed exams will **NOT** be taken lightly. Any missed tests will count as zero until I receive a written note from your parent or guardian acknowledging that the exam was missed as well as the reason why it was missed. This note will be required before the exam can be written. Any make up exams must be written within a reasonable amount of time as determined by length of and reason for absence.

You will be given at least 3 school days notice prior to any major test. Quizzes can be given at any time as quizzes cover recent work or homework. My suggestions to you about these quizzes are: 1. Get to class on time so if you had any problems with your homework you can ask a question at the start of class. 2. Do your homework so you have questions to ask. 3. If you do not get something during class **ASK FOR HELP OR CLARIFICATION!**

Please take this course outline home and get it signed by your parent or guardian. I can be contacted via voice mail by calling 250-870-5105 mailbox #7158 or e-mail caleb.wilkison@sd23.bc.ca

student signature

date

parent/guardian signature