

F. H. Collins Secondary School  
**Course Outline and Syllabus – Chemistry 11**  
2019-2020 Semester 2  
Teacher: Charlie Feht

**Overview:**

The Chemistry 11 course emphasizes the applications of science to everyday living and the skills needed in the workplace. To prepare students for further education and for their adult lives, the Chemistry 11 curriculum engages students in the investigation of scientific questions and the development of plausible solutions.

This class is aimed at all students interested in further scientific knowledge related to chemical compounds. This course is designed as a set up course for further study in chemistry 12 and beyond, and as a foundational course for those students not interested in pursuing further study in chemistry after chem 11. This course will serve to benefit both educational directions equally well.

**Materials needed:**

- 3 ring binder
- Lined and unlined paper
- Pencils
- Erasers
- Rulers

**Resources:**

- Hebden Chemistry 11 textbook will be referenced in class occasionally
- A variety of other resources will also be used to complement each concept within chemistry 11

**Attendance**

Students who miss classes for any reason will be responsible for making up work outside of regular class time. The ownership will be on the student to collect any notes, homework or assignments that may have been missed due to an absence. Students who know about planned absences in advance are advised to find out what they will be missing and to collect any assignments that will be handed out prior to the planned absence. Students and parents are advised to take steps to avoid absences if at all possible. If you are required to leave early for whatever reason (doctor appointment etc.) please let the teacher know at the start of class rather than half way through. Students will not be permitted to leave class early unless proper documentation is provided. Parents will be contacted via phone call or email regarding unexplained absences or excessive tardiness should they start to become an issue.

**Tests and Quizzes**

If a student is aware that they will be absent for a test or quiz, it is the students' responsibility to arrange an alternative time to write the test in advance. This must be done outside of regular class time. All students will be given a minimum of 7 days notice ahead of time to when the chapter assessment will take place.

Students who miss a test will only be permitted to write another version of the test if the following steps are taken:

1. A parent or guardian must phone the school on the day of your absence;
2. A note must be brought to your teacher on your first day back; and
3. The student must write the test outside regular class time.

Students will have **1 and only 1** opportunity to rewrite a test if they determine to have scored too low on the initial test. Quizzes and assignments will not qualify for a rewrite attempt, only chapter tests. A rewrite date must be scheduled for within 1 week of writing the initial test, and the rewrite will consist of a new version of the initial chapter test. Following the rewrite, the higher of the 2 marks will be counted towards the final grade. Unexcused absences are not a valid reason to be offered a retest attempt. All students writing a retest will write at the same time. Midterms and final exams are not eligible for rewrite attempts.

### **Plagiarism and Cheating:**

Plagiarism and cheating are very serious offences and will be treated as such. Any students caught plagiarizing or cheating on any assignment or test will automatically receive a mark of 'zero'. There will be no opportunities to rewrite the test or resubmit the assignment.

### **Assessment and Evaluation**

Students will be assessed and evaluated consistently throughout the year by a variety of means in order to meet and accommodate different learning styles. Students will be expected to engage in both individual and group activities and are encouraged to promote an accepting and interactive learning environment. Homework can be expected on a regular basis and will be posted along with other class updates on our class webpage found through the teacher pages link on the F.H. Collins website under Mr. Feht:

<http://www.fhcollins.ca/homework.html>

In class lecture slides and supporting documents can be found on the class website if you miss a class or misplace an assignment. Please note that the website does not contain 100% of the course material and is not meant to act as a substitute for missing class. It is simply a tool used to supplement that which is learned in class. The most efficient way to be successful in this course is to show up ready and on time.

### **Marking Breakdown**

- Lab Reports.....10%
- Assignments and Quizzes.....20%
- Chapter Tests .....30%
- Project.....10%
- Midterm .....10%
- Final Exam.....20%

### **Electronics:**

Cell Phones are not permitted for use during class time. If a student needs to be contacted by a parent at any point, parents are encouraged to phone the school office rather than calling the student in the middle of class time. Cell phones are expected to be kept in lockers during class time, or appropriately stored away. Repeated use of cell phones in class will result in that phone being removed for the remainder of the class. Ipods are welcome inside of the classroom for students to listen to with earbuds only while doing seat work and at the discretion of the teacher. Ear buds must be kept away and Ipods turned off during the formal lesson portion of class.

## **General Classroom Expectations**

To ensure all students receive the greatest benefit from this course, it is important that each student commit to some basic classroom expectations that will ensure a successful year. My expectations for all participants in this course are as follows:

1. **Safety:** For learning to occur, people need to feel safe, both physically and emotionally. It is every student's responsibility to ensure everyone in the class is safe. This is where rules like "No throwing things" and "No name calling" come from. Proper lab safety etiquette is expected at all times, as chemicals will be used in lab settings from time to time.
2. **Respect:** If we are to learn together, we must respect each other. If you are talking in class when someone else is talking, this is not showing respect. When you have a question, or an idea you should be heard. When the Teacher is trying to help you and your classmates learn, the Teacher needs to be heard without interruptions.
3. **Responsibility:** (Your Behavior, Your Attitude, Your Marks, Your homework) Ultimately you are responsible for what you learn or don't learn. Your Teachers and Classmates can try and help, but they cannot do the learning for you. Make sure that you are on time and attentive in class. The single most effective way to learn is to be present in class – physically and mentally.
4. **Participation:** Learning is hard; it can not be done by osmosis. You need to engage in the class and participate in all activities, including completion of homework.
5. **Eating/Drinking** - As this is a scientific course and lab work will be conducted in class, eating/drinking in the class is prohibited. Coffee/Tea/Water are permitted in class if kept in a proper mug or bottle, however all other food or drink must be kept away.

### Course Timeline

<b>Topics</b>	<b>Approximate Time Frame</b>	<b>Dates</b>
<b>Introduction to Chemistry</b>	<b>2 Weeks</b>	<b>Jan 20 – Jan 31</b>
<b>The Nature of Matter</b>	<b>2 Weeks</b>	<b>Feb 3 – Feb 14</b>
<b>Atomic Theory</b>	<b>3 Weeks</b>	<b>Feb 17 – Mar 6</b>
<b>Mole Concept</b>	<b>3 Weeks</b>	<b>Mar 9 – Apr 17 (March break included)</b>
<b>Chemical Reactions</b>	<b>2.5 Weeks</b>	<b>Apr 27 – May 6</b>
<b>Solutions</b>	<b>1.5 Weeks</b>	<b>May 7 – May 15</b>
<b>Organic Chemistry</b>	<b>2 Weeks</b>	<b>May 18 – May 29</b>
<b>Project and Review</b>	<b>1 Week</b>	<b>Jun 1 – Jun 5</b>

Please sign the bottom of this syllabus package confirming that you have read and understand all of the aforementioned important dates, duties and responsibilities. I can be reached throughout the year at any time to answer questions or set up a meeting if desired by phoning F.H. Collins at 667-8665, or via email at [charlie.feht@yesnet.yk.ca](mailto:charlie.feht@yesnet.yk.ca). Thank you!

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(Parent/Guardian Signature)

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(Date)

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(Student Signature)

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(Date)