



## Royal West Academy

### Course Outline

Course:	Chemistry 534		
Teacher:	J. Fogel	Room:	304
E-mail:	jfogel@emsb.qc.ca		
Text Book	Quantum Chemistry		
Course description:	<p>The chemistry science program is an introduction to the kind of theory and lab work that students will be seeing in future chemistry courses in CEGEP and university. Classes will include: lectures, project based learning, discussions and lab work.</p> <p>The following modules will be completed:</p> <ol style="list-style-type: none"> <li>1. Review: Nomenclature, significant figures, stoichiometry</li> <li>2. Gases and their Applications</li> <li>3. Energy in Chemical Reactions</li> <li>4. Rate of Chemical Reactions</li> <li>5. Equilibrium in Chemical Reactions</li> <li>6. Extra topics: Limiting Reagents, Orbitals, Electrochemistry</li> </ol>		

### Materials

- Binder with loose leaf paper
- 32 page exercise book (hilroy)
- Plastic folder for labs
- Pens, pencils, non programmable calculator, ruler

### Evaluation

<b>Term 1 (20%)</b>		
<i>Competencies Targeted</i>	<i>Evaluation Methods</i>	<i>Timeline</i>
C1: (Practical) <ul style="list-style-type: none"> <li>• Seeks answers or solutions to problems involving chemistry and communicates ideas relating to questions involving chemistry, using the languages associated with science and technology</li> </ul>	Lab Reports ( <i>Evaluated but will only be displayed on 2<sup>nd</sup> term report card</i> )	~ 2 reports
C2: (Theory) <ul style="list-style-type: none"> <li>• Makes the most of his/her knowledge of chemistry and communicates ideas relating to questions involving chemistry, using the languages associated with science and technology</li> </ul>	Tests, Quizzes, Assignments, Project	2-3 tests

<b>Term 2 (20%)</b>		
<i>Competencies Targeted</i>	<i>Evaluation Methods</i>	<i>Timeline</i>
C1: (Practical) <ul style="list-style-type: none"> <li>Seeks answers or solutions to problems involving chemistry and communicates ideas relating to questions involving chemistry, using the languages associated with science and technology</li> </ul> C2: (Theory) <ul style="list-style-type: none"> <li>Makes the most of his/her knowledge of chemistry and communicates ideas relating to questions involving chemistry, using the languages associated with science and technology</li> </ul>	Lab Reports ( <i>from term 1 and term 2 evaluated on this report card</i> )  Tests, Quizzes, Assignments  <b>January Exam (50% of term 2)</b>	~ 2 reports  2-3 tests

<b>Term 3 (60%)</b>		
<i>Competencies Targeted</i>	<i>Evaluation Methods</i>	<i>Timeline</i>
C1: (Practical) <ul style="list-style-type: none"> <li>Seeks answers or solutions to scientific or technological problems and communicates in the language used in science and technology</li> </ul> C2: (Theory) <ul style="list-style-type: none"> <li>Makes the most of his/her knowledge of science and technology and communicates in the language used in science and technology</li> </ul>	Lab Reports  Tests, Quizzes, Assignments	~ 3 reports  2-3 tests

### Note on Evaluation:

Students must participate in the school science fair. This should be an ongoing process throughout the year. The date of the school fair is **February 14<sup>th</sup>**.

### END OF YEAR RESULTS

<b>END OF YEAR RESULT</b>										
Term 1 20%	+	Term 2 20%	+	Term 3 60%	=	%		School Board Exam %	<u>or</u>	School Exam %

C1 (Practical): 80% (school mark) + 20% (exam mark) = END OF YEAR RESULT

C2 (Theory): 70% (school mark) + 20% (exam mark) = END OF YEAR RESULT

**Additional Information / Specifications**

- 1) If a student misses a test it becomes his/her responsibility to schedule a re-write. The student will be asked to submit a **valid note** for her/his absence on the day of the test. Failure to submit a valid note may result in a mark of zero.
- 2) Students who earn a mark below 60% on a test must have it signed by a parent. Parent signatures are not required on assignments and lab reports.
- 3) Failure to submit assignments and lab reports on time will result in a 10% (minimum) mark penalty per school day.
- 4) Plagiarism, which may include copying another person's work (e.g. a lab report) and cheating on a test, results in an automatic mark of zero. Read the Student Agenda for more information about the school's plagiarism policy.
- 5) **Students are required to use non-graphing calculators during all tests.**

**Communication:**

- Students will be receiving a progress report (October) and three report cards (November, March and June).
- Course updates, materials, answer keys and other important information will be made available to students via Schoology. Course codes will be distributed in class.
- Please feel free to contact me either by phone at the school or by email if you have any questions or concerns.

**Remediation Schedule**

- DAY 3: 3pm to 3:40pm
- DAY 4: 12:30pm to 1:10pm
- Lunch time/after school by appointment

**Chemistry V      Section: 04**

Student Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Name: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent email (for parent-teacher communication):  
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