

# **Royal West Academy**

## **Course Outline**

Course:	Chemistry 534			
Teacher:	A. Liscio	Room:	307	
E-mail:	aliscio@emsb.qc.ca			
Text Book	Quantum Chemistry			
Course description:	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.  The following modules will be completed:  1. Review: Nomenclature, significant figures, stoichiometry  2. Gases and their Applications  3. Energy in Chemical Reactions  4. Rate of Chemical Reactions  5. Equilibrium in Chemical Reactions  6. Extra topics: Limiting Reagents, Orbitals, Electrochemistry			

## **Materials**

- Binder with loose leaf paper
- <u>Plastic</u> duo-tang for labs

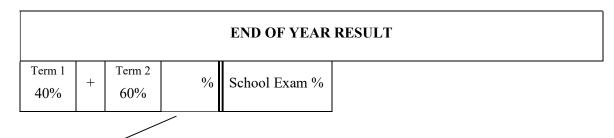
• Pens, pencils, non programmable calculator, ruler

## **Evaluation**

Term 1 (40%)					
Competencies Targeted	Evaluation Methods	Timeline			
C1: (Practical)  • Seeks answers or solutions to problems involving chemistry and communicates ideas relating to questions involving chemistry, using the languages associated with science and technology  C2: (Theory)  • 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	Lab Reports Tests, Quizzes, Assignments	~ 3-4 reports ~ 3-4 tests ~ 1-2 assignments			

Term 2 (60%)					
Competencies Targeted	Evaluation Methods	Timeline			
C1: (Practical)  • Seeks answers or solutions to problems involving chemistry and communicates ideas relating to questions involving chemistry, using the languages associated with	Lab Reports	~ 4 reports			
science and technology C2: (Theory)  • 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	Tests, Quizzes, Assignments	~ 4 tests  1 presentation			

#### **END OF YEAR RESULTS**



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

C2 (Theory): 80% (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 day they return. 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 <u>non-graphing</u> calculators during all tests.

### **Communication:**

- Students will be receiving progress reports (November, April) and two report cards (January and June).
- Microsoft Teams is the on-line platform that will be used. Some assignments will be submitted using this platform.

### **Remediation Schedule**

Day 6 and 7 during Lunch

Important note to students and parents/guardians regarding course outlines: Due to COVID-19, there are many unknowns as to how the 2021-22 school year will unfold. Please note that the information on this outline may need to be modified as the year progresses. Rest assured that any changes made will be done so to reflect what we feel is best to maximize students success.

Chemistry V		
Student Name:		
Student Signature:	Date:	
Parent Signature:	Date:	