**Chemistry**

**Mrs. C. Isernhagen Room 245**

**Course Outline 2019-2020**

**isernhagen.weebly.com 🡨 assignments, PowerPoints & answer keys**

**REMIND APP**

Text **@mrsichem01**

Text **@mrsichem02** to **819-801-0336** to receive reminders for Mrs. Isernhagen’s Chemistry class.

Text **@mrsichem03**

**Course Content:**

This course explains key topics in chemistry:

|  |  |  |
| --- | --- | --- |
| **Term 1** | **Term 2** | **Term 3** |
| Significant figures | General gas laws | Rates of reaction |
| Review chemistry concepts | Heat exchange | Chemical equilibrium |
| Properties of gases | Labs | Labs |
| Labs | Midyear exam | June Exams (theory & lab) |

**Course sequence**: A detailed syllabus is available on the webpage titled "Curriculum Map".

**Text: Quantum Chemistry,** by I. Couture, M Lacombe-Harbey and G. Levasseur-Thériault.

**Evaluation:** Students will be evaluated on their ability to demonstrate these two competencies:

**40% Practical -** Competency 1 (C1): Problem solving through **experimentation.**

Uses scientific methodology, problem solving and vocabulary.

**60% Theory -** Competency 2 (C2): **Analysis.** Analyzing phenomena and applying it.

Uses the concepts, models and laws of science appropriately.

Applies these concepts in a relevant and correct manner.

**Overall Mark**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Each term** | |  | Term 1 | Term 2 | Term 3 | June Exam |
| **Practical (C1) 40%** | **Theory (C2) 60%** |  | 20% | 20% | 20% | 40% |
| Lab reports 25% | Tests 50% |  |  |  |  |  |
| Assignments 10% | Quizzes 10% |  |  |  |  |  |
| Homework 5% |  |  |  |  |  |  |

**Exams**:

Term 2 Midterm 🡪 Theory Exam during the week of **February 3rd.**

Term 3 Final 🡪 Board wide exam 40 % of the C2 mark.

🡪 Lab Exam accounts for 40% of the C1 mark.

**Suggested Class Materials:**

* 1 binder to be used exclusively for Chemistry
* Loose paper or a bound book (such as 3 holed Hilroy notebooks)
* 3 dividers (1- assignments, 2- quizzes & tests, 3- labs)
* 1 or 2 sheet protectors for formula sheets
* Regular writing supplies (pencils, pens, eraser, sharpener etc)
* Scientific calculator. ( , , )

**General Information:**

1. If you are **absent**, it is your responsibility to acquire and copy notes, pick up assignments and inquire of any test or quiz dates that were set. **Tests will be written on the day the student returns.**
2. **Late assignments will not be accepted & assigned a mark of zero.** However, the lowest mark will be deleted each term. If the student is justifiably absent a "no mark" will be given. This is done so that I can assign smaller assignments with a fast turnaround time.
3. **Late labs** will be penalized by 1 mark/calendar day until returned to students. Labs are out of 10.

**You should always hand something in, even if it is not perfect!**

**I cannot assign a mark if you haven’t shown any evidence of work!**

1. **Each student has ONE "Life Happens Pass". It allows you to hand in one assignment or lab late without penalty!** This is in recognition that students are involved in many different activities and may need to defer a due date due to tournaments, competitions, the musical, unforeseen circumstances etc. We will agree on a new due date, before or on the original due date (not after).

**1 LIFE HAPPENS PASS**

**How to succeed:**

1. Ask questions in class!
2. Complete and hand in all assignments
3. Review class notes and assignments before each test or quiz.
4. Come see me for **extra help**, I will post a schedule at my door in the next couple of days.
5. Practice! Homework will be assigned, graded or checked for completion and will contribute to your term mark and attitude to study.

**If you have any considerations that I should be aware of, please come see me or send me an email at: cisernhagen@wqsb.qc.ca.**

***Best wishes toward a successful year!***