

FENELON FALLS SECONDARY SCHOOL

COURSE INFORMATION SHEET

# Course: Grade 12 College Chemistry Room #: 128

**Course Code:** SCH 4C **Voicemail:** 887-2018 ext.32179

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**Course Description**

This course introduces students to the concepts that form the basis of modern chemistry. Students will study qualitative analysis, quantitative relationships in chemical reactions, organic chemistry, electrochemistry, and chemistry as it relates to the quality of the environment. Students will employ a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and in the development of new technologies and products.

###### Units of Study

1. Qualitative Chemistry

2. Quantitative Chemistry

3. Organic Chemistry

4. Environmental Chemistry

#### 5. Electrochemistry

#### **Texts and Resources**

#### Nelson Chemistry 12-College Preparation

**Required Materials / Equipment**:

* Notebook – three ring binder
* Lab Book – 150 pages or more
* Loose leaf paper
* Writing utensils – pens and pencils
* Scientific Calculator – not your cell phone

**Evaluation Procedure**

* **Summative Evaluations – 70%**

##### Knowledge/ Understanding 20%

##### Thinking / Inquiring / Problem Solving 20%

Communication 15%

Application 15%

#### **Culminating Tasks– 30%**

Culminating Assignment 10%

Final Exam 20%

**Reporting Learning Skills**

Students will be evaluated on the following learning skills and work habits:

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| Learning Skills and Work Habits | Sample Behaviours |
| Responsibility | The student:   * Fulfils responsibilities and commitments within the learning environment; * Completes and submits class work, homework, and assignments according to agreed-upon timelines; * Takes responsibility for and manages own behavior. |
| Organization | The student:   * Devises and follows a plan and process for completing work and tasks; * Establishes priorities and manages time to complete tasks and achieve goals; * Identifies, gathers, evaluates, and uses information, technology and resources to complete tasks. |
| Independent Work | The student:   * Independently monitors, assesses, and revises plans to complete tasks and meet goals; * Uses class time appropriately to complete tasks; * Follow instructions with minimal supervision. |
| Collaboration | The student:   * Accepts various roles and an equitable share of work in a group; * Responds positively to the ideas, opinions, values, and traditions of others; * Builds healthy peer-to-peer relationships through personal and media-assisted interactions; * Works with others to resolve conflicts and build consensus to achieve group goals; * Shares information, resources, and expertise and promotes critical thinking to solve problems and make decisions. |
| Initiative | The student:   * Looks for and acts on new ideas and opportunities for learning; * Demonstrates the capacity for innovation and willingness to take risks; * Demonstrates curiosity and interest in learning; * Approaches new tasks with a positive attitude; * Recognizes and advocates appropriately for the rights of self and others. |
| Self-regulation | The student:   * Sets own individual goals and monitors progress towards achieving them; * Seeks clarification or assistance when needed; * Assesses and reflects critically on own strengths, needs and interests; * Identifies learning opportunities, choices, and strategies to meet personal needs and achieve goals; * Perseveres and makes an effort when responding to challenges. |

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Deadlines

Students are expected to meet all deadlines, and complete all assignments set out by the subject teacher. Failure to complete work will result in communication with parents, a referral to the student success program and may result in referral to the office. **Not done is not acceptable.**

Academic Honesty

Students are expected to submit their own original work. Any ideas or words that come from any source other than from personal experience must be formally referenced. Failure to do so is considered plagiarism. Cheating during tests or exams is forbidden. Academic dishonesty of any kind may result in a mark of **zero.** Other forms of discipline up to and including suspension may be applied.

Missed Evaluations

#### Students who are absent the day of an evaluation are expected to write the test or submit their work on the day they return to school or at a time agreed upon by the teacher. Arrangements regarding planned absences must be made with the teacher in advance. Students must **take care of business** to avoid academic consequences.

**Culminating Evaluations (Final 30%)**

It is the students' responsibility to attempt all final evaluations. Any parts not attempted will be given a mark of zero. This mark of zero will be used in the calculation of the 30% portion of their grade.

Late final evaluations will not be accepted, except for medical or extenuating circumstances after consultation with the appropriate VP.

Attendance

Good attendance is essential for academic success. Students are expected to sign in at the office when returning from an absence. Students who have chronic problems with attendance undermine their ability to gain a credit. Consequences for truancy and lateness will be monitored and administered by the Vice-Principal. Parents are expected to contact the school when their child is absent from school.

**Lateness/Punctuality**

In order to maximize learning and respect your teacher and classmates, it is imperative that you arrive at each class prepared and on time. Teachers will impose immediate consequences(s) when a student is late and if behavior does not improve, the result will be referral to a VP.

## Reporting

Student achievement will be reported in all courses at the following times:

Semester #2

Mark Update Week – March 4-8th

Parents’ Night – March 21st

Interim Report Card – April 26th

Pre-exam Mark Update – May 13-17th

Final Semester #2 Exams – June 19-24th

Graduation Ceremony- June 26th

**Please note that all late work will be marked but will only be returned to the student on the last day of classes. Hand in your work on time to receive feedback.**

**Please sign in the space below to acknowledge you have read and understood this document.**

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Student Signature Parent/Guardian Signature