

**Teacher Communication Plan**  
**International Baccalaureate Chemistry 11 (Standard Level)**  
G. Callaghan

**Overview:**

The IB Chemistry 11 course is designed to prepare students for the IB assessments and Chemistry at the university level. This course is for those students who intend to complete the requirements for an IB Certificate in Chemistry.

**Syllabus Outline:**

All core topics and two options (1 per year) will be covered in the IB Chemistry program. The topics to be covered in IB Chemistry 11 are indicated below. (√)

**Core Topics:**

Topic 1 Quantitative chemistry √	Topic 7 Equilibrium
Topic 2 Atomic structure √	Topic 8 Acids and Bases
Topic 3 Periodicity √	Topic 9 Oxidation and Reduction
Topic 4 Bonding √	Topic 10 Organic Chemistry √
Topic 5 Energetics	Topic 11 Measuring and data processing (Gr.10)
Topic 6 Kinetics	

**Optional Topics:** (The option will be decided after consultation with students)

A. Modern analytical chemistry	D. Medicine and drugs
B. Human biochemistry	E. Environmental Chemistry
C. Chemistry in industry and technology	F. Food chemistry
	G. Further organic chemistry

**Assessment and Evaluation:**

- ◆ 20% Labs (Practical Work for Internal Assessment)
  - Completed lab write-ups are due 1 week following lab.
  - Each lab will focus on one or more criteria for Internal Assessment.
  - Students should be aware of the aspects of each criteria to ensure that the expectations are met completely to achieve full value.
  - Participation and contributions to Chemistry aspect of Group 4 project will be included.
  
- ◆ 50% Tests (External Assessment formatting)
  - Paper One-Multiple Choice (Core Topics)
  - Paper Two-Data-based questions, Short and Extended Response (Core Topics)
  
- ◆ 30% Final Exam

**Miscellaneous:**

- \* An **UNEXCUSED ABSENCE** for a test results in a mark of zero for the test.
- \* An excused absence (note or phone call to the school) allows the student to write a make-up test at the convenience of the teacher.
- \* Students are expected to keep up with course work while they are absent from school and make up any missed lab time within a reasonable time.
- \* Homework will be assigned on a regular basis and is expected to be completed in order to succeed in this course.

**Communication Methods:**

- Automated dialing system
- E-mail [gcallaghan@staff.ednet.ns.ca](mailto:gcallaghan@staff.ednet.ns.ca)
- Teacher/Group E-mailing (i.e. Notification of upcoming tests, etc.)
- Attendance Forms (Monthly)
- Parent-Teacher session

**\*Please feel free to call the school (562-5464) or e-mail for anything pertaining to your son or daughter's progress.**

**Parent/Guardian (Signature):**

**Parent/Guardian (E-mail address):**