



Chemistry Placement Exam
Monday, April 3, 2023
11:00 am – 12:00 pm

Dear Incoming Student,

The SJCJC Chemistry Placement Exam is intended for students who have applied to the college for a degree program in **Biology, Chemistry, Interdisciplinary Science, Nursing, Pre-Engineering, or Physics as their 1st or 2nd track of choice.**

The placement exams assist our college in determining whether you should be placed in college-level Chemistry or if you will benefit from developmental course/s in this subject area. Failure to take the exam results in your automatic placement in fundamental Chemistry.

The test consists of 45 multiple choice questions to be answered in 60 minutes. **You will need pens/pencils, a calculator, and a photo ID (passport, social security card, or driver's license) for exam purposes.** A copy of the Periodic Table will be provided to you.

Below is the list of review topics in preparation for the exam:

- Mole concept
- Formulae of ionic and covalent compounds
- Balancing chemical equations and types of chemical equations
- Redox Reactions
- Oxidation numbers
- Sub-atomic particles and isotopes
- States of matter and classification
- Periodic table
- Properties of metals and ionic compounds
- Solubility rules and activity series
- Physical and chemical properties and change
- Electronic configuration
- Acids and bases
- Rates of reaction
- Separation of mixtures
- Lab apparatus
- Electrochemistry
- Thermochemistry

We wish you the best in your preparation for the placement exam and encourage you to contact the Office of Admissions and Enrollment at 223-3731 or by email at admissions@jc.sjc.edu.bz with your questions.

Sincerely,
Lydia McCoy
Director of Admissions and Enrollment, SJCJC