



**SJCJC CHEMISTRY PLACEMENT EXAM  
LANDIVAR CAMPUS  
APRIL 14, 2025  
PROCEDURES & GUIDELINES**

**FOR AUGUST 2025 APPLICANTS:**

SJCJC uses the ATLIB exams for placement in English and Math courses upon admission. The college therefore strongly recommends that you take the exams as a part of its admission procedures. Students who do not take the ATLIB examinations are placed in remedial English and Math courses at admission point.

We now share with you relevant information about the SJCJC Chemistry Placement Exam, if applicable to you.

**FOR ALL BIOLOGY/CHEMISTRY, INTERDISCIPLINARY SCIENCE, PRE-NURSING, AND PRE-ENGINEERING MAJORS**

Applicants who indicate one of the above tracks as their first program of choice on their SJCJC application are required to take a **mandatory Chemistry Placement Exam** on the scheduled exam date. Applicants who do not take the exam are placed in a remedial Chemistry course at admission point.

On exam day, kindly bring along the following items:

- Pencil/s appropriate for shading of multiple-choice answer sheet
- Photo ID (passport, social security card, high school ID, or driver's license)

**Your photo ID will be checked by the exam room supervisor, who will not allow you to proceed with the exam without an ID.** Furthermore, cell phones will need to be turned off and placed in your bag at front of the exam room; Smart watches are also not allowed.

In closing, we provide you with guidelines and topics to assist your April 14<sup>th</sup> exam preparations and encourage you to contact the Office of Admissions and Enrollment at 223-3731 or by email at [admissions@jc.sjc.edu.bz](mailto:admissions@jc.sjc.edu.bz) with any questions you may have.

Sincerely,

Lydia McCoy  
Director of Admissions and Enrollment, SJC

### **CHEMISTRY PLACEMENT EXAM (9:00 am – 10:00 am)**

The exam consists of 40 multiple-choice questions to be answered in 60 minutes. A calculator is allowed for this exam, and a copy of the Periodic Table is provided.

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