



**SJCJC PLACEMENT EXAMS  
LANDIVAR CAMPUS  
NOVEMBER 2, 2024  
PROCEDURES & GUIDELINES**

**FOR JANUARY 2025 APPLICANTS:**

SJCJC uses the ATLIB exams for placement in English and Math courses upon admission. The college therefore strongly recommends that you provide a copy of your ATLIB scores as a part of your application materials. Students who did not take the ATLIB examinations will be required to take the SJCJC Placement Exams at a fee of \$30, payable at the SJC Finance Office during normal business hours. **Please note that not taking either the ATLIB or SJCJC placement exams results in automatic placement in remedial English and Math courses upon admission.**

We now share with you relevant information about the SJCJC Placement Exams, should you be required to take them.

On exam day, kindly bring along the following items:

- Pencil/s appropriate for shading of multiple-choice answer sheets
- Pen/s for structured questions and essays
- 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 exams 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.

**MATH, INTERDISCIPLINARY SCIENCE, AND COMPUTER SCIENCE MAJORS**

Applicants who indicate one of these tracks as their first program of choice on their SJCJC application are required to take a **mandatory MATH Placement Exam** on the scheduled exam date, regardless of whether the ATLIB Math examination was taken.

**BIOLOGY/CHEMISTRY AND INTERDISCIPLINARY SCIENCE MAJORS**

Applicants who indicate one of these 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.

In closing, we provide you with guidelines and topics to assist your November 2<sup>nd</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,  
L. McCoy  
Director of Admissions and Enrollment, SJC

### **ENGLISH PLACEMENT EXAM (8:00 am – 9:30 am)**

The exam will consist of **TWO** sections as follows:

#### **PART I**

This section assesses students' ability to derive meaning from a range of reading passages and to determine the meaning of words and phrases in short and extended contexts. The section consists of the following content domains:

- Synonyms
- Sentence Completion
- Equivalent Sentences
- Rhetoric
- Vocabulary
- Error Recognition

#### **PART II**

The second component will require students to compose a 500-word essay based on given prompts. Students will write ONE essay based on a single, selected prompt. The essay will be scored using the following criteria:

- Purpose and Focus
- Organization and Structure
- Development and Support
- Sentence Variety and Style
- Grammar, Mechanical Conventions and Spelling
- Critical Thinking

### **MATH PLACEMENT EXAM (9:45 am – 10:45 am)**

The exam will consist of multiple choice and structured questions to be answered in 60 minutes. A calculator will **NOT** be allowed for this exam. Below is a list of review topics to assist your preparation:

#### **Unit 1 - Number Theory**

- Real number system; classification of numbers
- Properties of real numbers
- Order of arithmetic operations and rules of sign
- Finding LCM and GCF of real numbers
- Operations with positive integers
- Fractions and decimals

#### **Unit 2 - Directed Numbers**

- Further operations with integers, fractions, and decimals
- Complex fractions

#### **Unit 3 - Algebra**

- Introduction to terminology and notation

- Operations with algebraic expressions (addition and subtraction)
- Laws of exponents
- Multiplication and division of algebraic expressions

#### **Unit 4 - Factoring**

- Common monomials
- Special products

#### **Unit 5 - Algebraic Fractions**

- LCM and GCF of algebraic expressions
- Complex algebraic fractions
- Stating domain

#### **Unit 6 - Graphing**

- Ordered pairs
- Linear functions and their graphs
- Standard and slope intercept forms
- Equations and their solutions graphically

### **CHEMISTRY PLACEMENT EXAM (11:00 am – 12:00 noon)**

The exam consists of multiple choice and structured questions to be answered in 60 minutes. A calculator is allowed for this exam, and 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