

# Degree Plan New admissions

2023-2024



## PLACEMENT TEST

This institution has two mandatory placement test; one in Mathematics and one in English Language. These are used for two main reasons:

- 1 To assist in admissions in the Fall semester was CSEC results is not readily available
2. To determine level of Mathematics and English language competence. This allows for better placement in the required Mathematics and English general requirement courses.

**NB: student interested in doing more than 1 major. With CSEC results outstanding no more than 2 majors can be done. To be afforded the opportunity to do two majors students must pass both placement test.**

### **ENGLISH PLACEMENT**

**If the student's placement score is:**

**85 % -100%:** Student starts at ENG114 (no pre-requisite required; therefore, the student can complete their communication requirements)

**50-84%:** Student starts at ENG111 (only ENG11 pre-requisite required prior to completing Communication requirements)

**Less than 50%:** Student starts at ENG0101 (ENG0101 & ENG11 pre-requisites are required prior to completing Communication requirements)

**NB: English majors start with ENG112 once they have 50% and above on the placement test.**

#### **Paths for Communication course requirements**

1. ENG101---ENG111---ENG114---ENG122----ENG213
2. ENG101---ENG111---ENG114---ENG125
3. ENG101---ENG111---ENG114---ENG122 & BUSI211(ENG122 and BUSI211 can be done simultaneously or one after the other)
4. ENG101---ENG111---ENG114---ENG125 & ENG213 (ENG125 and ENG213 can be done simultaneously or one after the other)
5. ENG101---ENG111---ENG114---ENG122 & BUSI211----ENG211 (ENG122 and BUSI211 can be done simultaneously or one after the other. However, ENG122 must be done before ENG211)

### **MATHEMATICS PLACEMENT**

**67%-100%:** Student starts with the required Mathematics requirements (no pre-requisite required; therefore, the student can complete their communication requirements)

**50%-66%:** Student starts with pre-requisite MATH117 ((only MATH117 pre-requisite required prior to completing Communication requirements)

**25%-49%:** Students start with pre-requisites MATH0101 followed by MATH0102 (MATH0101 and MATH0102 are pre-requisite required prior to completing Mathematics requirements)

**0%-24%:** Students start with pre-requisites MATH0101 and simultaneous tutorial course followed by MATH0102 and simultaneous tutorial course (MATH0101 and MATH0102 and tutorial courses are pre-requisite required prior to completing Mathematics requirements)

**NB: all pre-requisite courses must be successfully completed before moving on to required Communication and Mathematics general education required course.**



**COMPUTER SCIENCE**  
**TOTAL CREDITS REQUIRED: 68 Credits**  
**GENERAL EDUCATION REQUIREMENTS: (27 credits)**

CATEGORY	CREDITS REQUIRED	COURSES COMPLETED	SEMESTER COMPLETED	GRADE
<b>Foundational Competencies</b> PDS113: Professional Development Seminar	3			
<b>Mathematics Prerequisites</b> MATH0101: Pre-Algebra 1 MATH 0102: Pre-Algebra 2 MATH117: Intermediate Mathematics (3 cr.) (Based on placement)	0			
<b>Communication Prerequisites</b> ENG0101: Fundamentals of Language ENG111: Language and Communication (3 cr.) (Based on placement)	0			
<b>General Education: Mathematics</b> MATH115: College Algebra 1 MATH125: College Algebra 2 OR MATH121: Fundamentals of Statistics	6			
<b>General Education: Communication</b> ENG114: Fundamentals of Writing ENG125: Technical Report Writing ENG213: Speech Communication	9			
<b>General Education: Foreign Language</b>	3			
<b>General Education: Humanities</b>	3			
<b>General Education: Social Science</b>	0			
<b>General Education: Natural Science</b>	3			
<b>General Education: Electives</b>	0			

**COMPUTER SCIENCE**  
**MAJOR CORE REQUIREMENTS (41 credits)**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDITS</b>	<b>PREREQ</b>	<b>RECOMMENDED SEMESTER TO ENROL</b>	<b>SEMESTER COMPLETED</b>	<b>GRADE</b>
COMP111	Introduction to Object Oriented Programming 1	4		Year 1 Semester 1		
COMP113	Introduction to Programming Concepts	3		Year 1 Semester 1		
COMP114	Introduction to HTML & Web Design	3		Year 1 Semester 1		
COMP121	Introduction to Programming 2	4	COMP111	Year 1 Semester 2		
COMP213	SQL & Data Base Management	3		Year 1 Semester 2		
COMP215	Web Technology 1	3	COMP114	Year 1 Semester 2		
COMP122	Computer Hardware & Maintenance	3		Year 1 Summer		
COMP125	Programing Language C++	3	COMP121	Year 2 Semester 1		
COMP214	Network Technologies 1	3	COMP122	Year 2 Semester 1		
COMP219	System Analysis and Design	3	COMP113	Year 2 Semester 1		
COMP211	Data Structure & Algorithms	3	COMP121	Year 2 Semester 2		
COMP227	Internship	3	All year 1 and Year 2 semester 1 core courses	Year 2 Semester 2 & summer		
ETH222	Ethics in Technology	3		Year 2 Semester 2		

STUDENT ADVISING RECORD

Program(s):

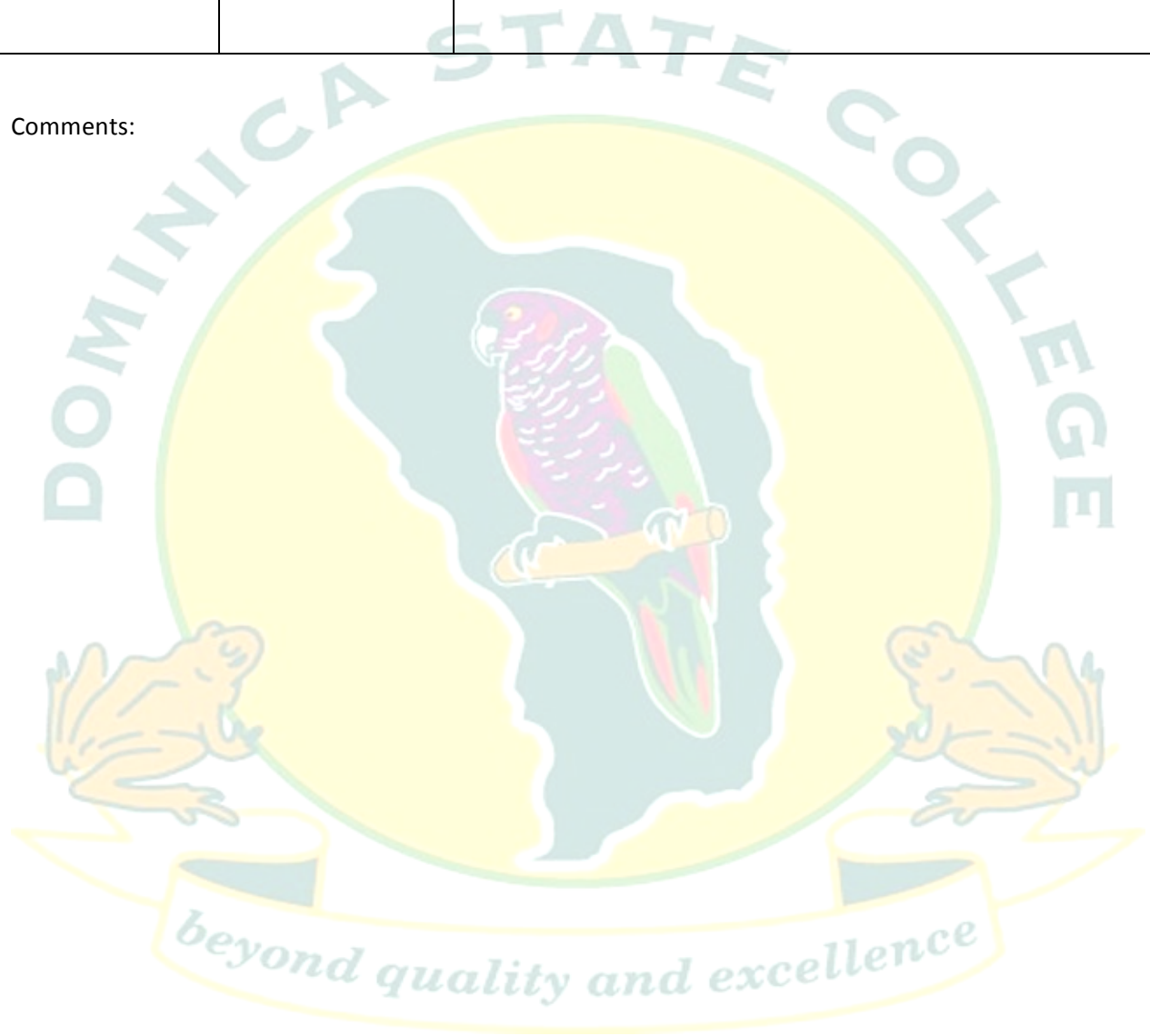
Year of Admission:

Student ID:

Faculty Advisors:

Semester	Advisor	Classes recommended


Comments:



## **General Education Courses**

<b>Category</b>	<b>Courses</b>
Foreign Languages	FRE111, FRE115 (completed CSEC French), FRE124 (completed FRE111 or FRE115), SPAN111, SPAN121 (completed CSEC Spanish), SPAN122 (Completed SPAN111 or SPAN121, MAN111 (Mandarin 1 offered by the Confucius classroom), KWEL111(Introduction to the Kweyol Language)
Humanities	HIS111, LIT111, LIT115, HIS115, GEOG124, HIS101,HIS116,
Social Science	PSY111, SOCO111, ETH121, POL111
Natural Sciences	BIOL111, BIOL123, CHEM113, PHY111
General Electives	BUSI121, MCOM112, LIT122 ACCO114, ENTR114, HIS115, LAW211, LIT114, LIT115, LIT121, LIT212, LIT213, LIT222, MCOM111, GENS200 (General Studies Capstone course: Science majors encourage to take this course)

## **College Level Examination Program (CLEP) COURSES**

BIOL111- INTRODUCTION TO BIOLOGICAL CONCEPTS  
BIOL123-ENVIRONMENTAL BIOLOGY  
BUSI121-PRINCIPLES OF BUSINESS  
ECON111-PRINCIPLES OF MICRO-ECONOMICS  
ENG111-LANGUAGE AND COMMUNICATION  
ENG122-WRITING SEMINAR  
GEOG124-MEDICAL GEOGRAPHY  
HIS111-CARIBBEAN HISTORY  
MATH115-COLLEGE ALGEBRA 1  
MATH125-COLLEGE ALGEBRA 2  
MATH121- FUNDAMENTALS OF STATISTICS  
ENG115-CRITICAL READING  
HIS116-HISTORY AND CIVICS OF DOMINICA

**NB: The Dominica State College reserves the right to review academic graduation requirement at any time based on academic review and feedback from stakeholders. Additionally, degree plans are design to allow students with one major and meeting all pre-requisite to graduated in two years. Having multiple majors or low/probationary GPA may require students to remain longer than two years to complete their majors.**