

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.**



**BUILDING & CIVIL ENGINEERING TECHNOLOGY**  
**TOTAL CREDITS REQUIRED: 93 Credits**  
**GENERAL EDUCATION REQUIREMENTS (24 credits)**

CATEGORY	CREDITS REQUIRED	COURSES COMPLETED	SEMESTER COMPLETED	GRADE
<b>Foundational Competencies</b> PDS113: Professional Development Seminar COMP 123: Computer office Applications	6			
<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> MAT111: Mathematics for Engineers MATH127: Engineering Mathematics 1 MATH217: Engineering Mathematics 2 MATH227: Engineering Mathematics 3	12			
<b>General Education: Communication</b> ENG114: Fundamentals of Writing ENG125: Technical Writing	6			
<b>General Education: Foreign Language</b>	0			
<b>General Education: Humanities</b>	0			
<b>General Education: Social Science</b>	0			
<b>General Education: Natural Science</b>	0			
<b>General Education: Electives</b>	0			

**BUILDING & CIVIL ENGINEERING TECHNOLOGY  
MAJOR CORE REQUIREMENTS (69 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>
PHY111	Introduction Physics	3		Year 1 Semester 1		
BCET111	Construction Technology 1	3		Year 1 Semester 1		
BCET112	Engineering Mechanics 1	3		Year 1 Semester 1		
BCET113	Science and Materials	3		Year 1 Semester 1		
EDRD111	Technical Drawing	3		Year 1 Semester 1		
BCET122	Engineering Mechanics 2	3	BECT112	Year 1 Semester 2		
ARCH124	Building Drawing 1	3	EDRD111	Year 1 Semester 2		
BCET125	Roadway Design	3		Year 1 Semester 2		
BCET121	Construction Technology 2	3	BCET111	Year 1 Semester 2		
ARCH215	Computer Assisted Drafting 1- CAD	3	ARCH124	Year 2 Semester 1		
BCET212	Land Surveying 1	3		Year 2 Semester 1		
BCET216	Quantity Surveying 1	3	BCET113	Year 2 Semester 1		
BCET214	Structural Mechanics 1	3	BCET122	Year 2 Semester 1		
BCET219	Properties of Materials 1	3	BCET113	Year 2 Semester 1		
ARCH214	Building Drawing 2	3	ARCH124	Year 2 Semester 1		
BCET221	Construction Technology 3	3	BCET121	Year 2 Semester 1		
ARCH225	Computer Assisted Drafting 2- AUTOCAD	3	ARCH215	Year 2 Semester 2		
BCET222	Land Surveying 2	3	BCET121	Year 2 Semester 2		
BCET226	Quantity Surveying 2	3	BCET216	Year 2 Semester 2		
ARCH224	Building Drawing 3	3	ARCH214	Year 2 Semester 2		
BCET224	Structural Mechanics 2	3	BCET214	Year 2 Semester 2		
BCET229	Properties of Materials 2	3	BCET219	Year 2 Semester 2		
SMB221 or ENTR114	Small Business Management or Introduction to Entrepreneurship	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.**