Sacred Heart College - Junior College Division
Associate Degree
Computer Technician
31 Course - 83 credit hours
Effective August 2023
Updated July 2023 (A Zetina)

PRE-COLLEGE

Course Code	Course Description	Credit Hours	Core	Elective Category	Prerequisites	Replacements
ENGL0014	Pre-College English 1	4.5	Pre-college Core			
ENGL0104	Pre-College English 2	4.5	Pre-college Core		(ENGL0014) Pre-College English 1	
MATH0014	Pre-College Mathematics	4.5	Pre-college Core			
SPAN0014	Pre-College Spanish	3	Pre-college Core			

YEAR 1 SEMESTER 1

Course Code	Course Description	Credit Hours	Core	Elective Category	Prerequisites	Replacements
ENGL1004	College English 1	3	General Education Core		(ENGL0104) Pre-College English 2	
MATH1004	Intermediate Algebra	3	General Education Core		(MATH0014) Pre-College Mathematics	
CMPS1002	Advanced Computer Applications	3	Professional Core			
CMPS1202	Introduction to Computer Hardware	3	Professional Core			
CMPS1501	Introduction to Programming in C++	3	Professional Core			
CMPS1501L	Introduction to Programming C++ Lab	1	Professional Core			

Select one of the following Communication Electives

Course Code	Course Description	Credit Hours	Core	Elective Category	Prerequisites	Replacements
SPAN1004	Functional Spanish	3	General Education Core	Communication	(SPAN0014) Pre-College Spanish	
SPAN1104	College Level Spanish	3	General Education Core	Communication	(SPAN0014) Pre-College Spanish	

YEAR 1 SEMESTER 2

Course Code	Course Description	Credit Hours	Core	Elective Category	Prerequisites	Replacements
ENGL1104	College English 2	3	General Education Core		(ENGL1004) College English 1	
MATH1106	College Algebra and Trigonometry	4	General Education Core		(MATH1004) Intermediate Algebra	(MATH2102) Trigonometry, (MATH1105) College Algebra
CMPS1102	Project Analysis and Design	3	Professional Core		(CMPS1002) Advanced Computer Applications	
CMPS1402	Introduction to Webpage Design	3	Professional Core		(CMPS1002) Advanced Computer Applications	
CMPS1502	Intermediate Programming in C++	3	Professional Core		(CMPS1501) Introduction to Programming in C++	

Course Code	Course Description	Credit Hours	Core	Elective Category	Prerequisites	Replacements
CMPS1502L	Intermediate Programming in C++ Lab	1	Professional Core		(CMPS1502) Intermediate Programming in C++, (CMPS1502L) Intermediate Programming in C++ Lab	
CMPS2001	Intermediate Computer Hardware	3	Professional Core		(CMPS1202) Introduction to Computer Hardware	

YEAR 1 SUMMER						
Course Code	**Course Description**	**Credit Hours**	**Core**	**Elective Category**	**Prerequisites**	**Replacements**
Select one of the following Social Science Electives						
ANTH1004	Introduction to Anthropology	3	General Education Core	Social Science		
ANTH1105	Introduction to Cultural Anthropology	3	General Education Core	Social Science		
SOCL1104	Sociology	3	General Education Core	Social Science		
Select one of the following Personal and Social Responsibility Electives						
PHIL2005	Introduction to Philosophy	3	General Education Core	Personal and Social Responsibility		
THEO2004	Moral Decision Making	3	General Education Core	Personal and Social Responsibility		
THEO2104	Ethics	3	General Education Core	Personal and Social Responsibility		

YEAR 2 SEMESTER 1						
Course Code	**Course Description**	**Credit Hours**	**Core**	**Elective Category**	**Prerequisites**	**Replacements**
HIST1004	Belizean History	3	General Education Core			
CMPS2602	Web Server Management	3	Professional Core		(CMPS1102) Project Analysis and Design, (CMPS1402) Introduction to Webpage Design, (CMPS1501) Introduction to Programming in C++	
CMPS2752	Software Troubleshooting	3	Professional Core		(CMPS2001) Intermediate Computer Hardware , (CMPS1002) Advanced Computer Applications	
MATH2301	Calculus I	3	Support Core		(MATH1106) College Algebra and Trigonometry	
PHYS1001	General Physics I	3	Support Core		(MATH1106) College Algebra and Trigonometry	
PHYS1001L	General Physics Lab I	1	Support Core		(MATH1106) College Algebra and Trigonometry	

YEAR 2 SEMESTER 2						
Course Code	**Course Description**	**Credit Hours**	**Core**	**Elective Category**	**Prerequisites**	**Replacements**
ENGL2004	College English 3	3	General Education Core		(ENGL1104) College English 2	
CMPS2152	Wireless Networking & Hardware	3	Professional Core		(CMPS2001) Intermediate Computer Hardware , (CMPS1002) Advanced Computer Applications	

Code	Course	Credits	Category	Type	Prerequisites
CMPS2152L	Wireless Networking & Hardware Lab	1	Professional Core		(CMPS2001) Intermediate Computer Hardware , (CMPS1002) Advanced Computer Applications
CMPS2652	Advanced Database Design	3	Professional Core		(CMPS2602) Web Server Management
CMPS2652L	Advanced Database Lab	0	Professional Core		
CMPS2702	Network Design and Implementation	3	Professional Core		(CMPS2602) Web Server Management, (CMPS1502) Intermediate Programming in C++, (CMPS1502L) Intermediate Programming in C++ Lab
CMPS2802	Upgrading and Repairing Laptops and Handhelds	3	Professional Core		(CMPS2001) Intermediate Computer Hardware
CMPS2902	Practicum/Implementation	3	Professional Core		(CMPS1102) Project Analysis and Design, (CMPS2001) Intermediate Computer Hardware , (CMPS2602) Web Server Management
Select one of the following Humanities Electives					
ACCT1101	Financial Accounting I	3	General Education Core	Humanities	
BUSI1011	Foundations of Business & Entrepreneurship	3	General Education Core	Humanities	
BUSI2101	Business Communication	3	General Education Core	Humanities	(ENGL1104) College English 2