

Suffolk County Community College		St Joseph's College	
Associate of Science Computer Science		Bachelor of Science Mathematics/Computer Science	
Course	Credit	Course	Credit
<b>First Semester: 15 Credits</b>			
CSE110: Computer Science College Seminar	1	General Elective	1
CSE118: Fundamentals of Programming	3	COM 152 Computer Programming	3
ENG101: Standard Freshman Composition	3	ENG 103 Writing for Effective Communication	3
MAT141: Calculus with Analytic Geometry I	4	MAT 205 Calculus and Analytic Geometry I	4
Laboratory Science Elective	4	Laboratory Science-Core Requirement	4
<b>Second Semester: 16 Credits</b>			
CSE148: Object-Oriented Programming	4	COM 370 Advanced Computer Programming	4
ENG102: Introduction to Literature	3	Quest for Meaning Core Class	3
Laboratory Science Elective	4	Laboratory Science-Liberal Arts course	4
MAT142: Calculus with Analytic Geometry II	4	MAT 206 Calculus and Analytic Geometry II	4
Physical Education	1	General Elective	1
<b>Third Semester: 17 Credits</b>			
CSE218: Data Structures and Algorithms	3	COM 210 Algorithms and Data Structures	3
History Elective	3	Self and Society Core	3
Humanities Elective	3	Liberal Arts Core	3
Laboratory Science Elective	4	Laboratory Science-Liberal Arts course	4
MAT205: Discrete Mathematics	4	MAT 203 Mathematical Foundations of Computer Science	4
<b>Fourth Semester: 16 Credits</b>			
CSE222: Computer Architecture and Organization	3	COM 249 Computer Organization and Assembly Language	3
CSE248: Advanced Object-Oriented Programming	3	Computer major elective	3
MAT210: Applied Linear Algebra	3	MAT 356 Linear Algebra	3
SUNY-GER Foreign Language or The Arts	3	Liberal Arts/Core Credit	3
Social Science Elective	3	Liberal Arts/Core Credit	3
Physical Education	1	General Elective	1
<b>Total credits taken at SCCC</b>	<b>64</b>	<b>Total Transferred Credits</b>	<b>64</b>
<b>TOTAL</b>	<b>64</b>	<b>TOTAL CREDITS TRANSFERRED</b>	<b>64</b>