

Suffolk County Community College		St Joseph's College	
Associate in Applied Science Information Technology (Computer Information Systems Option)		Bachelor of Science Computer Information Technology	
Course	Credit	Course	Credit
Business or Accounting elective (ACC 101 Principles of Accounting I recommended)	3	ACC 110 Principles of Accounting	3
COL101: College Seminar	1.5		0
CST111: Introduction to Computer Science and Information Technology	4	COM 200 Computer Science: An Overview	4
CST112: Introduction to Programming	4	COM 150 Introduction to Computer Programming	4
CST141: Principles of Computing with Java I	4	COM 152 Computer Programming	4
CST171: Rational Database Applications and Concepts	4	COM 380 Database Systems	4
CST242: Advanced Programming and Problem Solving in Java	4	Major Elective	4
CST272: Programming for Relational Database Management Systems	4	General Elective	3
CST288: Cooperative Education/Internships for Information Technology (strongly recommended), OR BUS150: Cooperative Education in Business	3	General Elective	3
CST Elective - CST 222 Computer Architecture (as shown below)	4	COM 249 Computer Organization and Assembly	4
CST Elective - CST 246 Data Structures (as shown below)	4	COM 210 Data Algorithms and Data Structures	4
ENG101: Standard Freshman Composition	3	ENG 103 Writing for Effective Communication	3
ENG121: Technical Writing	3	General Elective	3
Humanities elective (students are strongly advised to choose a course in the arts (visual arts, music, theater) or foreign language as their humanities elective)		Any art history or music history course will count towards a Human Expression core class. Foreign language courses fulfill a Global Perspectives core requirement	3
MAT107: Computer Mathematics Concepts	4	MAT 203 Math Foundations of Computer Science	4
Mathematics elective (MAT 124 Fundamentals of Precalculus Preferred)	4	MAT 113 Elementary Functions-Precalculus	4
Physical Education (2 courses)	2		0
Social Science elective (2 courses-suggestions below)	6	Core classes as indicated below	6
Total credits taken at SCCC	60.5-64.5	Total Transferred Credits	60
TOTAL	60.5-64.5	TOTAL CREDITS TRANSFERRED	60

Computer Science Electives

CST 222 Computer Architecture=CST 249 Comp Organiz/Assembly
 CST 246 Data Structures=COM 210 Algorithms & Data Structures

Social Science Electives

PSY 101 Introduction to Psychology=PSY 100 Introduction to Psychology
 SOC 101 Introduction to Sociology=SOC 100 Introduction to Sociology
 American or World History courses fulfill history requirements at SJC