

Suffolk County Community College Computer Science (AS)			St. Joseph's University Math Computer Science (BS)				
Course #	Course Title	Credits Granted	Course #	Equivalent Course Title	SJNY CORE	Credits Accepted	
CSE 110	Computer Science College Seminar	1		None – No transfer credit		0	
CSE 118	Fundamentals of Programming	3	COM 152	Computer Programming	Major	3	
ENG 101 or ENG 100	Standard Freshman Composition or Enhanced Freshman Composition	3	ENG 103	Writing for Effective Communication	CLA	3	
MAT 141	Calculus with Analytical Geometry I	4	MAT 205	Calculus and Analytical Geometry I	MPNW/ Major	4	
	Laboratory Science Elective	4		SJNY Lab Science Core**	MPNW	4	
CSE 148	Object-Oriented Programming	4	COM 370	Advanced Computer Programming	Major	3	
ENG 102	Introduction to Literature	3	ENG QM1	English Quest for Meaning Core	QM	3	
	Laboratory Science Elective	4		General Elective	Gen Elective	4	
MAT 142	Calculus with Analytical Geometry II	4	MAT 206	Calculus and Analytical Geometry II	Major	4	
	Physical Education Elective	1	ELE-ELE	General Elective	Gen Elective	1	
CSE 218	Data Structures and Algorithms	3	COM 210	Algorithms and Data Structures	Major	3	
HIS 101 or HIS 102	Europe and the World from Antiquity to the Early Modern Era or Europe and the World since the Early Modern Era (Fulfills History Elective)	3	HIS 100 or HIS 102	Western civilization to 1715 Western civilization Since 1715	S&S HIS core	3	
SOC 101 or HIS 120 or PHL 113	Introduction to Sociology History of Religion Philosophy Of Human Liberation (Diversity Elective)	3	SOC 100 or RS 168 or PHI QM1	Introduction to Sociology World Religions Philosophy Quest for Meaning Core	S&S QM QM	3	
	Laboratory Science Elective	4		Elective	Gen Elective	4	
MAT 205	Discrete Mathematics	4	MAT 203	Mathematical Foundations of Computer Science	Major	4	
CSE 222	Computer Architecture and Organization	3	COM 249	Computer Org & Assembly Language	Major	3	
CSE 248	Advanced-Object-Oriented Programming	3	COM MJR ELE	Computer Science Elective	Major Ele	3	
MAT 210	Applied Linear Algebra	3	MAT 356	Linear Algebra	Major	3	
	SUNY-GE The Arts or World Languages	3		SJNY Core**	HE or GP	3	
	Political Science or Psychology (Social Sciences Elective excluding History)	3		SJNY Core**	SS	3	
		Total Credits	63			Total Credits Transferred	61
						Remaining Minimum Credits Needed for Graduation after Transfer	59

** see SJNY core course list