

**SUNY TRANSFER COURSE EQUIVALENCY TABLE**

Suffolk County Community College – Ammerman Campus 81025, Computer Science, A.S.					Farmingdale State College 26879, Computer Programming and Info Systems, B.S.						
Course #	Course Title	SUNY GER	Major or SUNY Transfer Path	Credits Granted		Course #	Equivalent Course Title	SUNY GER	Major or SUNY Transfer Path	Credits Accepted	
CSE 118	Fundamentals of Programming		X	3	Sequence transfer	BCS 245	Introduction to Java Programming		X	3	
CSE 148	Object-Oriented Programming		X	4		BCS 1XX	BCS Elective		X	3	
CSE 248	Advanced Object-Oriented Programming		X	3		BCS 3XX	BCS 3XX Elective		X	3	
CSE 218	Data Structures and Algorithms		X	3		BCS 3XX	BCS 3XX Elective		X	3	
ENG 101	Standard Freshman Composition	X		3		EGL 101	Composition I: College Writing	X		3	
MAT 141	Calculus with Analytic Geometry I	X	X	4		MTH 150/ MTH 130	Calculus I	X	X	4	
	*History Elective	X		3		SUNY-GER	American, Other World, Western Civilization History	X		3	
ENG 102	Introduction to Literature	X		3		EGL 102	Composition II: Writing About Literature			3	
	Humanities Elective	X		3		SUNY-GER	Humanities, Arts	X		3	
MAT 142	Calculus with Analytic Geometry II		X	4		MTH 151 MTH 236	Calculus II or Calculus II with Applications		X	4	
MAT205	Discrete Mathematics			4		MTH2XX	MTH Elective		X	4	
	Physical Education			1		PED 1XX	Physical Education Elective (Free Elective)			1	
	Physical Education			1		PED 1XX	Physical Education Elective (Free Elective)			1	
	Laboratory Science Elective I	X		4		SUNY-GER	Natural Science	X		4	
	Laboratory Science Elective II	X		4		SUNY-GER	Natural Science	X		4	
	Laboratory Science Elective III	X		4		SUNY-GER	Arts and Sciences elective	X		3	
	Social Sciences Elective	X		3		SUNY-GER	Social Science	X		3	
CSE 222	Computer Architecture and Organization			3		BCS 3XX	BCS 3XX Elective		X	3	
MAT 210	Applied Linear Algebra			3		MTH 245	Linear Algebra (LAS Elective)			3	
	**SUNY-GER Foreign Language or The Arts	X		3		SUNY-GER	Foreign Language or The Arts	X		3	
				<b>Total Credits</b>	<b>63</b>					<b>Total Credits Transferred</b>	<b>61</b>
								<b>Remaining Credits Needed for Graduation after Transfer</b>			<b>60-62</b>

\* History Elective options: HIS101, HIS102, HIS103, HIS104, HIS118, HIS119, or HIS120

\*\* Suffolk County Community College's SUNY General Education courses can be found at: <https://www.sunysuffolk.edu/explore-academics/college-catalog/general-education-requirement-supplement.jsp>