

Suffolk County Community College Computer Science, A.S.					SUNY Old Westbury Computer & Information Science, B.S. <sup>1</sup>				
Course #	Course Title	SUNY GER	SUNY Transfer Path	Credits Granted	Course #	Equivalent Course Title	SUNY GER	SUNY Transfer Path	Credits Accepted
CSE110	Computer Science College Seminar			1	CS8998	Computer Science Non-Major Elective (Liberal Arts)			1
CSE118	Fundamentals of Programming		X	3	CS2510	Computer Programming I			3
ENG101	<sup>1</sup> Standard Freshman Composition	BC		3	EL1000	Composition I	BC		3
MAT141	Calculus with Analytic Geometry I	M	X	4	MA2310	Calculus with Analytic Geometry I			4
	Laboratory Science Elective	NS		4	XX8998	Science Elective	NS		4
CSE148	Object-Oriented Programming		X	4	CS2511	Computer Programming II			4
ENG102	<sup>1</sup> Introduction to Literature	H		3	EL2200	Composition II	H		3
	Laboratory Science Elective	NS		4	XX8998	Science Elective	NS		4
MAT142	Calculus with Analytic Geometry II	M	X	4	MA2320	Calculus with Analytic Geometry II (Liberal Arts)			4
	Physical Education			1	XX8999	General Elective			1
CSE218	Data Structures and Algorithms		X	3	CS3810	Data Structures and Algorithms			3
HIS102	Western Civilization II (fulfills Restricted History Elective)	WC		3	HI2681	Intro to European History	WC		3
	Humanities Elective			3	XX8998	Humanities Elective			3
	Laboratory Science Elective	NS		4	XX8998	Science Elective	NS		4
MAT205	Discrete Mathematics	M	X	4	MA3030	Discrete Mathematics			4
CSE222	Computer Architecture and Organization		X	3	CS3620	Computer Architecture			3
CSE248	Advanced Object-Oriented Programming		X	3	CS8998	Computer Science Non-Major Elective			3
MAT210	Applied Linear Algebra			3	MA3160	Linear Algebra			3
	SUNY-GER Foreign Language or The Arts	FL/ART		3	ML8998 or XX8998	Foreign Language or Arts Elective	FL/ART		3
HIS103	American History I (fulfills Social Sciences Elective)	AH/SS		3	AS2112	American People I	AH/SS		3
	Physical Education Elective			1	XX 999	General Elective			1
				<b>Total Credits</b>	<b>64</b>				
						<b>Total Credits Transferred</b>			<b>64</b>
						<b>Remaining Credits Needed for Graduation after Transfer</b>			<b>56</b>

<sup>1</sup> A C or better is required in ENG 101, ENG 102, and at least one Mathematics course. For courses to apply to the major at SUNY Old Westbury a C or better must be earned.