

TRANSFER ARTICULATION AGREEMENT

Erie Community College (ECC) A.S. Computer Science to Canisius College (CC) B.S. Computer Science (Science Track)

ECC Course Work	Credit	CC Equivalency	Credit	Remaining CC Requirements	Credit
Major Course Work					
CS 121 Computer Science I	4	CSC 111/L	4	MAT 141 or 219 or 351	3-4
CS 132 Computer Science II	4	CSC 112/L	4	CSC 213/L Large Scale Programming	4
CS 221 Machine Org & Assembly Lang Programming	4	CSC 253/L	4	CSC 281/L Automata and Algorithms	4
CS 232 Advanced Data Structures	4	CSC elective	4	CSC 310/L Info Organiz & Processing	4
MT 181 Calculus and Analytic Geometry I	4	MAT 111 Calculus 1	4	CSC 320 Social Impact of Computing	3
MT 182 Calculus and Analytic Geometry II	4	MAT 112 Calculus II	4	CSC 330/L Distributed Computing	4
MT 167 Discrete Mathematics	4	MAT 191 Discrete Mathematics	4	CSC 351/L Comparative Programming Languages	4
Major Elective: CS 216	4	CSC 380/L	4	CSC 360/L Intelligent Systems	4
SUNY Natural Sciences elective:	8	Natural Sciences sequence	8	CSC 395/L Software Engineering	4
BI 110 & 115 and BI 112 & 117 or		BIO111/L and 112/L or			
CH 180 & 181 and 182 & 183 or		CHM 111/L and 112/L or			
PH 280 & 281 and PH 282 & 283		PHY 223/L and 224/L			
	40 Cr		40		34-35
Core (GEN ED) and other requirements not included above					
EN 110 College Composition	3	ENG 111 Academic Writing	3	RST 101 Religious Studies	3
EN 111 Comp & Interpretation of Literature	3	ENG 112 Writing about Lit.	3	Field 1: Religious Studies	3
SUNY American History elective: HI 101 or 102	3	Field 4: History & Diversity	3	Global Awareness	3
SUNY Liberal Arts elective: AT or EN course	3	Field 3: Arts and Literature	3	Justice	3
SUNY Liberal Arts elective	3	Free elective	3	Advanced Writing	3
SUNY Humanities elective: PY 100 or 101	3	PHI 101 Intro to Philosophy	3		
SUNY Humanities elective: PY110 or 111	3	Field 2: Philosophy & Ethics	3	Free electives	10-11
SUNY Social Science elective	3	Field 5: Social Sciences	3		
	24 CR		24 CR		60 CR
Total Credits	64		60*		60 CR

*A maximum of 60 credits can be transferred from a two year college to Canisius and a minimum of 18 credits in the major must be completed at Canisius. Students need a minimum of 120 credit hours from their Major, Core Curriculum and free elective courses to meet graduation requirements. Accepted students have a transfer evaluation completed prior to enrollment and work with an advisor to map out a pathway to graduation.

Revision 2017