

**ARTICULATION AGREEMENT
BETWEEN
STATE UNIVERSITY OF NEW YORK
AT ONEONTA AND
SUNY BROOME COMMUNITY COLLEGE**

**SUNY Broome Community College- Computer Science (A.S.)
ARTICULATED TO
SUNY ONEONTA – Computer Science,
Standard Technical Concentration (B.S.)**

This agreement is intended to facilitate the transition of graduates from an associate degree program at SUNY Broome (Broome) to a baccalaureate degree program at SUNY Oneonta (Oneonta). Oneonta and Broome recognize their responsibility to students from their regions, as well as from the rest of New York State, to ensure a smooth transition between the two institutions. Both institutions have made a strong commitment to help transfer students maximize their opportunities

AGREEMENT

1. Broome students who have graduated or will graduate with an Associate in Science (A.S.) in Computer Science and apply by the Oneonta published deadline and meet the admission criteria published in the current Oneonta catalog, will be admitted to the Bachelor of Science (B.S.) degree program in Computer Science as matriculated students with junior status at Oneonta.
2. Table 1 shows Broome A.S. in Computer Science degree requirements and Oneonta equivalent courses by major for the first two -years. Oneonta will accept a maximum of 75 semester hours from Broome toward fulfilling the B.S. Computer Science, Standard Technical Concentration degree requirements. Further information on Oneonta's transfer credit policy can be found on its website [Transfer Credit](#).
3. Oneonta will advise Broome of any changes to the Broome/ Oneonta course equivalencies listed in this agreement.
4. Students are advised to consult both the Broome and Oneonta catalogs regarding any modifications or changes to program requirements.
5. This agreement will be monitored on a yearly basis by contact among the articulation coordinators and department chairpersons/directors/coordinators at both institutions. Each institution assumes responsibility for making this a viable and workable agreement for interested students. Either institution, giving the other one-year written notice, may terminate this agreement.
6. Each institution may carry out publications and marketing of this agreement. This can include, but is not limited to, printed material, websites, and inclusion of admissions material.

To be assured admittance to the B.S. in Computer Science, Standard Technical Concentration at Oneonta under the terms of this agreement, all students must:

- be in good academic and student standing with Broome

- have a minimum Broome cumulative grade point average (GPA) of 2.5
- have completed and been awarded the A.S. Computer Science degree,
- have followed the prescribed process in applying to Oneonta and furnished a final transcript with the degree posted

Exceptions to the above requirements may be made by Oneonta on a case-by-case basis.

Upon acceptance to Oneonta, students who are transferring into the B.S. in Computer Science, Standard Technical Concentration with a Broome associate's degree will:

- be provided a transfer credit evaluation and access to Degree Works, showing coursework to be completed
- be awarded junior status
- be considered for all Transfer Scholarships available through the Office of Admissions without filing any additional paperwork
- be advised toward the successful completion of degree requirements by their academic department

Oneonta will extend every opportunity to help full time students who begin their Oneonta courses in the fall semester to complete the B.S. in Computer Science in two additional years of full-time study.

This agreement will come into effect in Fall 2024. The course selection included in this articulation may be subject to change as new requirements are established for Computer Science, Standard Technical Concentration majors. Each institution will make a good faith effort to regularly update the other institution regarding any changes to programs and requirements. This is a joint effort on the part of both institutions to help transfer students maximize their transferability.

The primary contact person at Broome is Valerie Carnegie, Chair of Career, Transfer and Bachelor Partnership Department. Carnegievm@sunybroome.edu.

The primary contact at SUNY Oneonta is Donna Johnson, Coordinator of Articulation and Transfer Credit. Donna.johnson@oneonta.edu.

**SUNY BROOME COMMUNITY COLLEGE
TRANSFER TO SUNY ONEONTA EQUIVALENCY TABLE**

Transfer Course Equivalencies								
SUNY Broome Computer Science- A.S.				SUNY Oneonta: Computer Science- Standard Technical Concentration, B.S.				
Course #	Course Title	SUNY TP	sh	Course	Equivalent Course Title	TP	Gen Ed (GE) Liberal Arts (LA) Upper Division (UPPR)	sh
Fall Semester 1				Fall Semester 1				
	PED Elective		1	ELEC 100E	Elective			1
CST 113	Introduction to Programming		3	CSCI 100E	Computer Science Elective			3
CST 117	Problem Solving & Comm Tools		3	CSCI 100E	Computer Science Elective			3
CST 119	Computer Concepts & Applications		3	CSCI 100E	Computer Science Elective			3
ENG 110	College Writing I		3	COMP 1000	Composition		LA, WCOM, IL, CTR	3
MAT 181	Calculus I		4	MATH 2230	Calculus I		LA, MAT	4
			17					17
Spring Semester 2				Spring Semester 2				
	General Education Elective		3		General Education Elective		Gen Ed	3
	General Education Elective		3		General Education Elective		Gen Ed	3
CST 133	Structured Programming		3	CSCI 1160	Fundamentals Of Programming		LA	3
CST 170	Digital Logic		3	CSCI 100E	Computer Science Elective			3
MAT 182	Calculus II		4	MATH 2240	Calculus II		LA	4
			16					16
Fall Semester 3				Fall Semester 3				
	General Education Elective		3		General Education Elective		Gen Ed	3
	Natural Science Sequence		4		Natural Science Sequence		NSCI	4
CST 150	Object Oriented Programming		3	CSCI 1260	Fundamentals of Programming II			3
CST 220	Microprocessors & Assembly Language Programming		3	CSCI 2310	Assembly Language Programming			3
MAT 250	Discrete Math		4	MATH 2500	Discrete Math Structures		LA, MAT	4
			17					17
Spring Semester 4				Spring Semester 4				
	Natural Science Sequence		4		Natural Science		NSCI	4
CST 202	Data Structures		3	CSCI 2300	Data Structures			3
CST 225	Introduction to Small Systems		3	CSCI 100E	Computer Science Elective			3
ENG 220	Communicating About Ideas and Values		3	COMP 200E	COMP Elective			3
			13					13
								63
Remaining Credits Needed for BS								59
(39 LA, 41 UPPR)								

SUNY ONEONTA – B.S. DEGREE COMPLETION REQUIREMENTS

For Computer Science, Standard Technical Concentration

Semester One - Fall		Semester Two - Spring	
MATH 2250- Calculus III	4	CSCI 3100- Organization of Programming Languages	3
CSCI 4430- Operating Systems	3	CSCI 2320- Computer Architecture	4
CSCI 3440- Computer Networking	3	CSCI Upper Division Elective	3
CSCI Upper Division Elective	3	CSCI Upper Division Elective	3
Upper Division Elective	3		
	16		13
Semester Three- Fall		Semester Four- Spring	
STAT 2610- Probability and Statistical Inference	3	CSCI 4110- Software Design and Development	3
CSCI Upper Division Elective	3	CSCI Upper Division Elective	3
CSCI Upper Division Elective	3	Upper Division Elective	3
Upper Division Elective	3	Upper Division Elective	3
Upper Division Elective	3	Elective	3
TOTAL	15	TOTAL	15

Note:

Highlighted courses completed at SUNY Broome

Major Requirements: 66 s.h.

Required Courses: 25 s.h.

- CSCI 1160 - Fundamentals of Programming 3 s.h.*
- CSCI 1260 - Fundamentals of Programming II 3 s.h.*
- CSCI 2300 - Data Structures 3 s.h.*
- CSCI 2320 - Computer Architecture 4 s.h.
- CSCI 3100 - Organization of Programming Languages 3 s.h.
- CSCI 3440 - Computer Networking 3 s.h.
- CSCI 4110 - Software Design and Development 3 s.h.
- CSCI 4430 - Operating Systems 3 s.h.

Electives: 18 s.h.

Select from:

- MATH 3270

- 2000 level or higher CSCI courses, including at least one upper division (3000 level or higher) CSCI course.

CSCI 2000, CSCI 3995, and transfer electives cannot be used for this requirement.

Courses in Related Areas: 23 s.h.

- MATH 2230 - Calculus I 4 s.h. *
- MATH 2240 - Calculus II 4 s.h. *
- MATH 2250 - Calculus III 4 s.h.
- MATH 2500 - Discrete Mathematical Structures 4 s.h.
- MATH 3230 - Linear Algebra and Matrix Theory I 3 s.h.
- STAT 2610 - Probability and Statistical Inference 4 s.h.

*A grade of "C" or better is required in courses marked with an *.*

Total: 66 s.h.

