

**AGREEMENT
FOR
TRANSFER ARTICULATION
BETWEEN**

**STATE UNIVERSITY OF NEW YORK AT OSWEGO
BACHELOR OF SCIENCES in COMPUTER SCIENCE**

AND

**JEFFERSON COMMUNITY COLLEGE
ASSOCIATE OF SCIENCE in COMPUTER SCIENCE**

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INTRODUCTION

This document constitutes an agreement regarding articulation for the program identified between the State University of New York at Oswego and Jefferson Community College. The agreement includes the parallel program where full junior status will be afforded Jefferson Community College graduates as well as identifies other program options and appropriate course credit equivalencies.

OBJECTIVES

- * To attract qualified students to Jefferson Community College and to the State University of New York at Oswego.**
- * To encourage academic coordination and other faculty/administrative interactions, including curricular reviews and administrative streamlining.**
- * To provide for the exchange of information on successes and failures of this transfer program in order that improvements might be made.**

PROGRAM to PROGRAM ARTICULATION

Jefferson Community College Computer Science, A.S.			State University of New York at Oswego Computer Science, B.S.			
Equivalency Table						
Course #	Course Title	Credits		Course #	Course Title	Credits
INT 111	College Foundations	1			Elective	1
CIS 111	Operating System Environments	2			Elective	2
CIS 116	Introductory Programming	3		CSC 120	Introduction to Programming and Programming Languages	3
ENG 101	Research and Composition	3		ENG 102	Composition II	3
MTH 221	Calculus I	4		MAT 210	Calculus I	4
Social Science Elective (DEI and SS/US/WH)		3			SUNY GE	3
CIS 216	Advanced Programming	4		CSC 212	Principles of Programming	4
Mathematics Elective: MTH 222 (Recommended) MTH 174		4/3		MAT 220 or MAT 158	Calculus II (Recommended) or Intro to Statistics A	
ENG 102	Literature and Composition	3		ENG 204	Writing About Literature	3
Humanities Elective (AR/WL)		3			SUNY GE	3
Physical Education Elective		1			Elective	1
CIS Elective (CIS 212)		3			Elective	
Mathematics Elective: MTH 174/ MTH 231 (Recommended)/MTH 222		3/4		MAT 158 MAT 215 or MAT 220	Intro to Statistics A, Intro to Discrete Mathematics (Recommended) or Calculus II	3/4
CIS Elective (CIS 221) OR Free Elective		3			Elective	3
Natural Science Elective (NS) (Recommend 1st course in PHY/CHE sequence)		4			PHY 111/112 or CHE 111 (Recommended)	3
Social Science Elective		3			SUNY GE	3
Physical Education Elective		1			Elective	1
CIS 225	Assembly Language	3			Elective	3
CIS 250	Data Structures	3		CSC 241	Abstract Data Types and Programming Methodology	3
CIS Elective (CIS 222) OR Free Elective		3			Elective	3
Natural Science Elective (NS) Recommend 2nd course in PHY/CHE sequence		4			PHY 212/213 or CHE 212 (Recommended)	3
Free Elective		2			Elective	2
TOTAL CREDITS		62-64		TOTAL CREDITS TRANSFERRED		62-64

Remaining Coursework
Jefferson Community College: Computer Science, A.S.
SUNY Oswego: Computer Science, B.S.

Course #	Course Title	Credits/Transferred
MAJOR CORE REQUIREMENTS (24 cr)		
CSC 212	Principles of Programming	Transferred (CIS 216)
CSC 221	Foundations of Computer Science	3
CSC 241	Abstract Data Types and Programming Methodology	Transferred (CIS 250)
ISC 300	Ethics and Social Policy in the Digital Age	3
CSC 322	Systems Programming	3
CSC 344	Programming Languages	3
CSC 365	Data Structures and Algorithms	3
CSC 380	Software Engineering	3
MAJOR ELECTIVE REQUIREMENTS (18 cr)		
Select 3 courses	CSC 435 Web Services CSC 444 Compiler Construction CSC 445 Computer Networks CSC 454 System Simulation and Virtual Worlds CSC 455 Computer Game Programming CSC 459 Data Base Management Systems CSC 466 Artificial Intelligence and Heuristic Programming CSC 473 Internet of Things (IOT)/Sensors CSC 474 Image Processing CSC 480 Software Design CSC 482 Software Deployment CSC 495 - Software Engineering Project Seminar I Credit: 3	9
Select 3 courses	Select (9 cr) three additional Computer Science Department courses at the 300- or 400- level, under advisement.	9
COGNATE REQUIREMENTS (31 cr)		
MAT 210	Calculus I	Transferred (MTH 221)
MAT 215	Introduction to Discrete Mathematics	3/Transferred (MTH 231)
MAT 220	Calculus II	4/Transferred (MTH 222)
Select 1: MAT 318 or MAT 354	Statistics in the Sciences Mathematical Statistics A	3
Select 3 courses	Select nine credit hours in Mathematics or Natural Sciences, under advisement, different from the following sequence choice	9
Select one sequence:	Sequence 1. PHY 111 - College Physics I Credit: 4 PHY 212 - College Physics II Credit: 4 Sequence 2. PHY 112 - General University Physics I Credit: 4 PHY 213 - General University Physics II Credit: 4 Sequence 3. CHE 111 - General Chemistry Credit: 4 CHE 212 - General Chemistry II Credit: 4 Sequence 4. BIO 120 - Molecular and Cellular Foundations Credit: 4 One 300-level BIO course, under advisement	8/Transferred (PHY 131 & 132 or PHY 143 & 145, or CHE 131 & 132)

	GRADUATION REQUIREMENTS*	
300-499	Upper Division Elective/General Elective	3
300-499	Upper Division Elective/General Elective	3
	Elective	3
	Elective	3
	Elective	3
	Elective	3
	GENERAL EDUCATION REQUIREMENTS	
	Met with coursework in AA/AS Degree from JCC	
	Total Credits at SUNY Oswego	56*

*Remaining credits are dependent on course choices. Transfers from JCC must complete a minimum of 120 credits and have 42 upper division credits to graduate from Oswego with a BA in Computer Science.

Notes:

Students who transfer to Oswego after completing SUNY General Education (SUNY-GER, July 2010 or SUNY GE, Fall 2023) or the equivalent at a previous institution (or institutions) are exempt from all of Oswego's specific general education requirements.

Bachelor's degree graduation requirements:

- 120-128 credits, depending on major
- Minimum of 30 credits and ½ the major completed at Oswego
- 42 upper division credits (300-400 level courses)

TERMS

Jefferson Community College agrees to promulgate information and to advise interested students of the provision of general and specific sections of this agreement.

Qualified transfer students will be able to complete degree requirements with a normal load in four semesters in the program identified.

The **State University of New York at Oswego** agrees to accept as juniors those students who have successfully completed the courses outlined in the degree program identified in this agreement. The grade point average for **Jefferson Community College** degree graduates for acceptance to **State University of New York at Oswego** shall be 2.3 or above.

Students must attain a grade of C- or better in all core and cognate courses applied to the **State University of New York at Oswego** for transfer credits. "D" grades in other courses will be applied as elective credit.

On a routine basis, faculty and administrative staff from both institutions will confer on matters of curriculum content and other program details.

Review/Revision Agreement

This agreement will become effective upon signature and shall be reviewed in three years or when substantive changes are made in the curriculum on either campus.

APPROVED FOR:

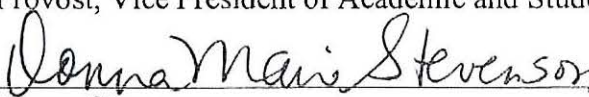
JEFFERSON COMMUNITY COLLEGE


Daniel J. Dupee, Ed.D.
President

8/27/25
Date

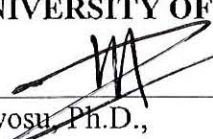

Carey L. Goyette
Provost, Vice President of Academic and Student Affairs

8/26/2025
Date

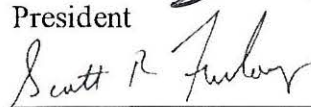

Donna Stevenson
Associate Vice President of STEM, Health Professions and Business

7/25/2025
Date

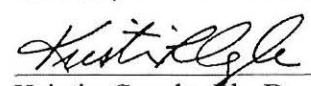
STATE UNIVERSITY OF NEW YORK AT OSWEGO


Peter O. Nwosu, Ph.D.,
President

10/16/25
Date


Scott R. Furlong, Ph.D.,
Provost, Vice President for Academic Affairs

8/27/2025
Date


Kristin Croyle, Ph. D.,
Dean, College of Liberal Arts and Sciences

9/30/2025
Date