

**Articulation Agreement between the State University of New York College at Potsdam
and
Schenectady County Community College**

Objective

To provide an opportunity for those qualified students at Schenectady County Community College (SCCC) who wish to pursue a B.A. in Computer Science degree with a Computer Science concentration offered at SUNY Potsdam to enter SUNY Potsdam as juniors and complete the B.A. in two years of full-time study.

Terms of the Agreement

Published standards of admission to State University of New York at Potsdam apply.

SUNY Potsdam agrees to accept for transfer into the B.A. in Potsdam, credits for the courses listed below. SCCC courses with earned grades of “C” or higher in major courses or “D” or higher in non-major courses will transfer. SCCC students who complete courses listed below with grades of C or D or higher and who attain a combined grade point average (GPA) of 2.5 will be automatically admitted into the SUNY Potsdam’s Computer Science program with a Computer Science concentration. Students who complete fifty seven or more semester hours of credit will achieve junior status.

This agreement will be reviewed at least once every two years. It can be renegotiated at the request of either institution, especially if there is substantial change in relevant curricula at either institution.

This agreement covers courses taken at SCCC only. If a student from SCCC has credits on his/her transcript from other 2-year or 4-year institutions, the published SUNY Potsdam’s rules for accepting transfer credit from those institutions will apply to those credits.

If a student from SCCC wishes to transfer without having completed all of the courses in this Agreement, she is assured that the identified equivalent courses with grades of “C” or better will transfer.

Articulation between Schenectady County Community College and SUNY Potsdam in Computer Science with a Computer Science Concentration

First Year Courses at SCCC

CIS 134 C++ UNIX	4	CIS 246 DATA STRUCTURES	3
ENG 123 COLLEGE COMPOSITION	3	ENG 124 INTRODUCTION TO LITERATURE	3
MAT 160 DISCRETE STRUCTURES	3	MAT 180 CALCULUS I	4
SOCIAL SCIENCE ELECTIVE *	3	SOCIAL SCIENCE ELECTIVE *	3
		HUMANITIES ELECTIVE *	3
Total	13		16

Second Year Courses at SCCC

CIS 133 JAVA	3	GENERAL ELECTIVE *	3-4
MAT/CIS ELECTIVE (CIS 240)	3	CIS ELECTIVE (CIS 225)	3
LAB SCIENCE ELECTIVE	4	LAB SCIENCE ELECTIVE	4
MAT 181 CALCULUS II	4	LIBERAL ARTS ELECTIVE *	3-4
HUMANITIES ELECTIVE *	3	MATHEMATICS ELECTIVE (MAT 147)	3
Total	17		16-18

Third Year Courses at SUNY Potsdam

CIS 301 THEORY OF COMPUTATION	3	CIS 380 PROFESSIONAL PRACTICE (SI gen ed)	3
CIS 405 SOFTWARE ENGINEERING	3	CIS 303 ALGORITHM ANALYSIS & DESIGN	3
modern language I (or lib arts elective)	3	modern language II (or liberal arts elective)	3
gen ed course or liberal arts elective	3	gen ed course or liberal arts elective	3
upper-division elective	3	upper-division WI general education course	3
Total	15 + 1 PE	Total	15 + 1 PE

Fourth Year Courses at SUNY Potsdam

CIS xxx (CIS 3xx or 4xx elective)	3	CIS 480 or 490 SENIOR CAPSTONE or INTERNSHIP	3
CIS xxx (CIS 3xx or 4xx elective)	3	upper-division elective	3
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

Schenectady County Community College and SUNY College at Potsdam

Articulation Agreement Chart Computer Science AS with BA in Computer Science with a Computer Science concentration

SCCC PROGRAM REQUIREMENT	MEETS POTSDAM REQUIREMENT	SUGGESTED SCCC COURE(S)
ENG 123 College Composition	COMP 101 Writing and Critical Thinking	ENG 123 College Composition
ENG 124 Intro to Literature	LITR 100 Introduction to Literature	ENG 124 or HON 124 Intro to Literature
CIS 134 C++/UNIX	CIS 201 Computer Science I	CIS 134 C++/UNIX
CIS 246 Data Structures	CIS 203 Computer Science II	CIS 246 Data Structures
MAT 160 Discrete Structures	CIS 300 Foundations of Computer Science	MAT 160 Discrete Structures
MAT 180 Calculus I	MATH 151 Calculus I	MAT 180 Calculus I
Mat 181 Calculus II	MATH 152 Calculus II	MAT 181 Calculus II
MAT Elective	MATH 125 Probability and Statistics	MAT 147 Statistics
CIS Elective	CIS 310 Operating Systems	CIS 225 Operating Systems
MAT/CIS Elective	CIS 410 Computer Networks	CIS 240 Internetworking Fundamentals
General Elective		**
Liberal Arts Elective		**
Lab Science Elective		**
Lab Science Elective		**
Humanities Elective		**
Humanities Elective		**
Social Science Elective		**
Social Science Elective		**
		** Students are encouraged to take any SUNY General Education requirement that fulfills this elective.