TRANSFER ARTICULATION AGREEMENT
between
ADIRONDACK COMMUNITY COLLEGE
Computer Science A.S.
and
SUNY POTSDAM
Computer Science B.A.
Computer Science Concentration
Information Systems Concentration

Adirondack Community College

ACC Computer Science AS	SUNY Potsdam CS Concentration
CIS 144 (3) Intermediate Programming in C++	CIS 201 (3) Computer Science I
CIS 243 (3) Data Structures and Objects in C++	CIS 203 (3) Computer Science II
MAT 129 (3) Discrete Mathematics	CIS 300 (3) Foundations of Computer Science
CIS 244 (3) Computer Systems and Programming	CIS 356 (3) Assembly Language and Computer Architecture
MAT 131 (4) Calculus I	MATH 151 (4) Calculus I
MAT 132 (4) Calculus II	MATH 152 (4) Calculus II
MAT 127 (4) Introductory Statistics with Probability	MATH or CIS 125 (4) Probability and Statistics I
Total 24	**Total 24**

CIS 222 at ACC recommended for transfer to SUNY Potsdam
It is recommended that students complete as many SUNY general education requirements as possible.

Remaining requirements at SUNY Potsdam:
CIS 301 – Theory of Computation (3)
CIS 303 – Algorithm Analysis and Design (3)
CIS 380 – Professional Practice (3)
CIS 405 – Software Engineering (3)
CIS 410 – Computer Networks (3)
CIS xxx - CIS Elective (3xx or 4xx) (3)
CIS xxx - CIS Elective (3xx or 4xx) (3)
CIS 480 – Senior Project or CIS 490 - CS Internship (3)

Completion of SUNY Potsdam Gen Ed (coming in with 7 of the 10 SUNY Gen Ed requirements)
Completion of 45 credit hours 300+ level (upper division requirement)

CIS Requirements Left – 24 semester hours
Complete General Education – at 300 + level advised
Have 24 semester hours at 300+, need 21 more

ACC Computer Science AS	SUNY Potsdam CS BA, IS Concentration
CIS 144 (3) Intermediate Programming in C++	CIS 201 (3) Computer Science I
CIS 243 (3) Data Structures and Objects in C++	CIS 203 (3) Computer Science II
CIS 244 (3) Computer Systems and Programming	CIS 356 (3) Assembly Language and Computer Architecture
MAT 131 (4) Calculus I	MATH 151 (4) Calculus I
MAT 127 (4) Introductory Statistics with Probability	MATH or CIS 125 (4) Probability and Statistics I
Total 17	**Total 17**

CIS 222 at ACC recommended for transfer to SUNY Potsdam
BUS 146 and 147 at ACC recommended for transfer
It is recommended that students complete as many SUNY general education requirements as possible.

Remaining requirements at SUNY Potsdam:
CIS 380 – Professional Practice (3)
CIS 405 – Software Engineering (3)
CIS 410 – Computer Networks (3)
CIS 420 - Database Systems (3)
CIS xxx - CIS Elective (3xx or 4xx) (3)
CIS 480 – Senior Project or CIS 490 - CS Internship (3)
Business Administration Minor (18)

Completion of SUNY Potsdam Gen Ed
Completion of 45 credit hours 300+ level (upper division requirement)

CIS Requirements Left – 18 hrs
Business Administration Minor – 12 additional hours 300 level advised
General Education – 300 + level advised
Have 18 semester hours at 300+, need 27 more

- 100 and 200-level course work can transfer in to SUNY Potsdam as credit for 300-level courses. However, the 300-level credit does not count toward the college requirement that there be 45 hrs of course work at the 300 level or higher.

ACC A.S. Computer Science

FIRST YEAR

First Semester		Second Semester	
Hrd 100, Hrd 100A or Hrd 110	1	Eng 102, Eng 103, Eng 104, Eng 105, Eng 106, Eng 108, Eng 109 or Eng 110 3	
Eng 101, Eng 100A & Eng 100B	3	Mat lib arts elective (Mat 127)	4
Mat 129	3	Cis 144	3
Cis 143	3	Cis 150	3
SUNY Gen Ed Social Science	3	His 100, His 101, or His 102	3
Liberal Arts Elective**	3	PED	1
PED	1		
	17		17

SECOND YEAR

First Semester		Second Semester	
Cis 243	3	Cis 244	3
Mat 131	4	Cis or Mat Elective	3
Egr 105 or Phy 111 Lab Science	3-4	Mat 132	4
SUNY Gen Ed Humanities**	3	Elective**	3
His 103 or His 104	3	Elective**	3
	16-17		16

**Liberal Arts Electives and Electives: recommend completion of as many SUNY General Education requirements as possible

SUNY Potsdam B.A. in CS – Computer Science Concentration

THIRD YEAR

First Semester		Second Semester	
CIS 301 – Theory of Computation	3	CIS 380 - Professional Practice	3
CIS 405 - Software Engineering	3	CIS 303 - Algorithm Analysis & Design	3
modern language I	3	modern language II(or liberal arts elective)	3
upper-division elective	3	upper-division WI general education course	3
general education course	3	general education course	3
	16+1PE		16+1PE

FOURTH YEAR

First Semester		Second Semester	
CIS (CIS 300 or 400 major elective)	3	CIS 410 Computer Networks	3
CIS (CIS 300 or 400 major elective)	3	CIS 480/490 Senior Capstone/Internship	3
general education course or elective	3	upper-division, liberal arts elective	3
upper-division, liberal arts elective	3	upper-division elective	3
upper-division elective	3	upper-division elective	3
	15		15

SUNY Potsdam B.A. in CS – Information Systems Concentration

THIRD YEAR

First Semester		Second Semester	
CIS 405 - Software Engineering	3	CIS 380 - Professional Practice	3
CIS (CIS 300 or 400 major elective)	3	CIS 420 – Database Systems	3
upper-division business admin elective	3	CIS 410 – Computer Networks	3
modern language I	3	modern language II(or liberal arts elective)	3
upper-division elective	3	upper-division business admin elective	3
	15+1PE		15+1PE

FOURTH YEAR

First Semester		Second Semester	
upper-division business admin elective	3	CIS 480/490 Senior Capstone/Internship	3
upper-division WI general education course	3	upper-division business admin elective	3
general education course	3	general education requirement	3
general education course or liberal arts elective	3	upper-division, liberal arts elective	3
upper-division, liberal arts elective	3	Liberal arts elective	3
upper-division, liberal arts elective	3		
	18		15