TRANSFER ARTICULATION AGREEMENT
between
BROOME COMMUNITY COLLEGE
and
SUNY POTSDAM

The purpose of this agreement is to facilitate the transfer of students from the Computer Science A.S. degree at Broome Community College to the Computer Science B.A. degree with concentrations in Computer Science or Information Systems at SUNY Potsdam. Students transferring with an associate degree will enter Potsdam as juniors and, assuming normal academic progress, have the opportunity to complete the B.A. degree in two additional years of full-time enrollment.

Admission

- apply online at www.suny.edu/student - the application fee is waived for students transferring with an associate degree
- have the Registrar at every college you attended mail an official transcript directly to Admissions at Potsdam
- students transferring with the A.S. degree and a 2.5 or higher grade point average are guaranteed admission to SUNY Potsdam
- transfer scholarships are available to fall semester transfer students with a 3.25 or higher gpa and are renewable for one year if gpa is maintained – apply at www.potsdam.edu/scholarships

Transfer of Courses

- all college-level courses from BCC transfer. Visit www.potsdam.edu/admissions/transfer to see how courses will transfer
- non-major courses with grades of "D" will transfer, a "C" or higher is required for all major and major cognate courses
- an official evaluation of transfer credit is mailed with the accept letter

Transfer Services

- students have the option to complete an online orientation or attend a Transition Conference immediately prior to the beginning of the fall and spring semesters
- individual advising with specially trained advisors is available for new transfer students

This agreement commences upon the date of its signing and shall remain in effect until terminated by either college. The major information will be reviewed on a periodic basis and updated as curricular changes are made at both colleges.

SUNY Potsdam	**Broome Community College**
Dr. John F. Schwaller, President	Dr. Daniel T. Hayes
3-9-09	3-19-09
Date	Date

Broome Community College

BCC Computer Science A.S.	SUNY Potsdam Computer Science B.A., CS Concentration
CST 133 Structured Programming in C++ (3)	CIS 201 Computer Science I (3)
CST 202 Data Structures with C++ (3)	CIS 203 Computer Science II (3)
CST 220 Microprocessors & Assembly Lang Program (3)	CIS 356 Assembly Language & Computer Architecture (3)
MAT 250 Discrete Mathematics (4)	CIS 300 Foundations of Computer Science (4)
MAT 181 Calculus I (4)	MATH 151 Calculus I (4)
MAT 182 Calculus II (4)	MATH 152 Calculus II (4)
Total 21 hours	**Total 21 hours**

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)
MATH 125 Probability and Statistics (3)

CIS Requirements Remaining – 27 semester hours

General Education – It is recommended that students complete as many SUNY general education requirements as possible with their electives at BCC.

Completion of 45 semester hours 300+ level (upper-division requirement)

BCC Computer Science A.S. with transfer to CS Concentration

FIRST YEAR

First Semester		*Second Semester*	
CST 113 Introduction to C++	3	CST 133 Structured Programming in C++	3
CST 117 Language Independent Design Tools	2	CST 220 Microprocessors & Assembly Lang Program	3
CST 119 Computer Concepts and Applications	3	MAT 182 Calculus II	4
CST 170 Digital Logic	3	HIS elective (HIS 130 or 131)	3
ENG 110 College Writing I	3	PHI 202 Logic	3
MAT 181 Calculus I	4	Social Science elective (ECO 101,111;POS 201,204;PSY 110;SOC 110,111;SOS 101,111,116,120 **or** 155)	3
Semester Total	**18**	**Semester Total**	**19**

SECOND YEAR

First Semester		*Second Semester*	
CST 150 C++ Programming with Objects	3	CST 202 Data Structures with C++	3
MAT 250 Discrete Mathematics	4	ENG 220 Communicating About Ideas and Values	3
MAT 281 Calculus III **or** CST 225 Intro Small Systems	3-4	MAT 264 Linear Algebra	4
PHY 181 Physics I	4	PHY 182 Physics II	4
HIS elective (HIS 100,116 **or** 117)	3	MAT 266 Higher Math **or** CST 228 GDI Prog with C++	3
PED elective	1	PED elective	1
Semester Total	**18-19**	**Semester Total**	**18**

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

THIRD YEAR

First Semester		*Second Semester*	
CIS 301 Theory of Computation	3	CIS 303 Algorithm Analysis and Design	3
CIS 405 Software Engineering	3	CIS 380 Professional Practice – [SI] gen ed requirement	3
[XC] general education requirement, upper-division	3	MATH 125 Probability and Statistics I	3
modern language 101	3	modern language 101 – [ML] gen ed requirement	3
[SB] general education requirement	3	[AE] general education requirement	3
PE activity	1	PE activity	1
Semester Total	**16**	**Semester Total**	**16**

FOURTH YEAR

First Semester		*Second Semester*	
CIS xxx 300 or 400 level CS elective	3	CIS 410 Computer Networks	3
CIS 480 **or** 490 Senior Capstone	3	CIS xxx 300 or 400 level CS elective	3
[WI] general education requirement	3	[AC] general education requirement, upper-division	3
upper-division elective	3	upper-division elective	3
upper-division elective	3	upper-division elective	3
upper-division elective	3		
Semester Total	**18**	**Semester Total**	**15**

BCC Computer Science A.S.	SUNY Potsdam Computer Science B.A., IS Concentration
CST 133 Structured Programming in ++ (3)	CIS 201 Computer Science I (3)
CST 202 Data Structures with C++ (3)	CIS 203 Computer Science II (3)
CST 220 Microprocessors & Assembly Lang Program (3)	CIS 356 Assembly Language & Computer Architecture (3)
MAT 181 Calculus I (4)	MATH 151 Calculus I (4)
Total 13 hours	**Total 13 hours**

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 CS Elective at 300 or 400 level (3)
CIS 480 Senior Project or CIS 490 - CS Internship (3)
MATH 125 Probability and Statistics (3)
Business Administration minor (18)

CIS Requirements Remaining – 21 semester hours

Business Administration Minor – 18 semester hours

General Education – It is recommended that students complete as many SUNY general education requirements as possible with their electives at BCC.

Completion of 45 semester hours 300+ level (upper-division requirement)

BCC Computer Science A.S. with transfer to IS Concentration

FIRST YEAR

First Semester		*Second Semester*	
CST 113 Introduction to C++	3	CST 133 Structured Programming in C++	3
CST 117 Language Independent Design Tools	2	CST 220 Microprocessors & Assembly Lang Program	3
CST 119 Computer Concepts and Applications	3	MAT 182 Calculus II	4
CST 170 Digital Logic	3	HIS elective (HIS 130 **or** 131)	3
ENG 110 College Writing I	3	PHI 202 Logic	3
MAT 181 Calculus I	4	Social Science elective (ECO 101,111;POS 201,204;PSY 110;SOC 110,111;SOS 101,111,116,120 **or** 155)	3
Semester Total	**18**	**Semester Total**	**19**

SECOND YEAR

First Semester		*Second Semester*	
CST 150 C++ Programming with Objects	3	CST 202 Data Structures with C++	3
MAT 250 Discrete Mathematics	4	ENG 220 Communicating About Ideas and Values	3
MAT 281 Calculus III **or** CST 225 Intro Small Systems	3-4	MAT 264 Linear Algebra	4
PHY 181 Physics I	4	MAT 266 Higher Math **or** CST 228 GDI Prog with C++	3
HIS elective (HIS 100,116 **or** 117)	3	PHY 182 Physics II	4
PED elective	1	PED elective	1
Semester Total	**18-19**	**Semester Total**	**18**

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

THIRD YEAR

First Semester		*Second Semester*	
CIS 405 Software Engineering	3	CIS 380 Professional Practice – [SI] gen ed requirement	3
CIS xxx 300 or 400 level CS elective	3	CIS 410 Computer Networks	3
upper-division business minor elective	3	MATH 125 Probability and Statistics I	3
[XC] general education requirement, upper-division	3	upper-division business minor elective	3
modern language 101	3	modern language 101 – [ML] gen ed requirement	3
PE activity	1	PE activity	1
Semester Total	**16**	**Semester Total**	**16**

FOURTH YEAR

First Semester		*Second Semester*	
CIS 480 or 490 Senior Capstone	3	CIS 420 Database Systems	3
upper-division business minor elective	3	upper-division business minor elective	3
upper-division business minor elective	3	upper-division business minor elective	3
[AE] general education requirement	3	[AC] general education requirement	3
[WI] general education requirement	3	[SB] general education requirement	3
upper-division elective	3	upper-division, liberal arts elective	3
Semester Total	**18**	**Semester Total**	**18**