

**TRANSFER ARTICULATION AGREEMENT**  
**between**  
**CAYUGA 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 Cayuga 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](http://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](http://www.potsdam.edu/scholarships)

**Transfer of Courses**

- all college-level courses from CCC transfer. Visit [www.potsdam.edu/admissions/transfer](http://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 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**

**Cayuga Community College**

\_\_\_\_\_  
Dr. John F. Schwaller, President

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Dr. Daniel P. Larson, President

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

| <b>CCC Computer Science A.S.</b>                                      | <b>SUNY Potsdam Computer Science B.A., CS Concentration</b> |
|---|---|
| C.S. 222 Programming in C/C++ (3)                                     | CIS 201 Computer Science I (3)                              |
| MATH 210 Math/Data Structures (3)                                     | CIS 203 Computer Science II (3)                             |
| MATH 212 Discrete Mathematics (3)                                     | CIS 300 Foundations of Computer Science (3)                 |
| C.S. 219 Database Management Systems (3)<br><i>(elective)</i>         | CIS 420 Database Systems (3)                                |
| C.S. 225 Introduction to Local Area Networks (3)<br><i>(elective)</i> | CIS 410 Computer Networks (3)                               |
| MATH 214 Statistics (3) <i>(elective)</i>                             | CIS 125 Statistics (3)                                      |
| MATH 108 Calculus I (4)   | MATH 151 Calculus I (4)                                     |
| MATH 201 Calculus II (4)  | MATH 152 Calculus II (4)                                    |
| <b>Total 26 hrs</b>   | <b>Total 26 hrs</b>   |

**Remaining requirements at SUNY Potsdam:**

- CIS 301 – Theory of Computation (3)
- CIS 303 – Algorithm Analysis and Design (3)
- CIS 310 or 356: Operating Systems or Assembly and Computer Architecture (3-4)
- CIS 380 - Professional Practice (3)
- CIS 405 – Software Engineering (3)
- CIS xxx - CIS Elective (3xx or 4xx) (3)
- CIS 480 – Senior Project or CIS 490 - CS Internship (3)

**CIS Requirements Left – 21-22 hrs minimum, 30-31 hrs maximum if electives not taken at CCC**

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

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

| <b>CCC Computer Science A.S.</b>                                      | <b>SUNY Potsdam Computer Science B.A., IS Concentration</b> |
|---|---|
| C.S. 222 Programming in C/C++ (3)                                     | CIS 201 Computer Science I (3)                              |
| MATH 210 Math/Data Structures (3)                                     | CIS 203 Computer Science II (3)                             |
| C.S. 219 Database Management Systems (3)<br><i>(elective)</i>         | CIS 420 Database Systems (3)                                |
| C.S. 225 Introduction to Local Area Networks (3)<br><i>(elective)</i> | CIS 410 Computer Networks (3)                               |
| C.S. 237 Internet Security (3) <i>(elective)</i>                      | CIS 395 Special Topics (3)                                  |
| MATH 214 Statistics (3) <i>(elective)</i>                             | CIS 125 Statistics (3)                                      |
| MATH 108 Calculus I (4)   | MATH 151 Calculus I (4)                                     |
| <b>Total 22 hrs</b>   | <b>Total 22 hrs</b>   |

**Remaining requirements at SUNY Potsdam:**

CIS 356 – Assembly Language and Computer Architecture (4)  
 CIS 380 – Professional Practice (3)  
 CIS 405 – Software Engineering (3)  
 CIS 480 – Senior Project or CIS 490 - CS Internship (3)  
 Business Administration Minor (18)

**CIS Requirements Left – 13 hrs minimum, 25 hrs maximum if electives not taken at CCC**

**Business Administration Minor – 18 hrs**

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

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

## CCC Computer Science A.S. with transfer to CS Concentration

### FIRST YEAR

| <i>First Semester</i>                               | <i>Second Semester</i>                     |
|---|--|
| ENGL 101 Freshman English I (gen ed)<br>3           | ENGL 102 Freshman English II (gen ed)<br>3 |
| C.S. 120 Problem-Solving Logic for Programming<br>3 | C.S. 200 Programming in Visual Basic<br>3  |
| BUS 225 Microcomputer Application Software<br>3     | <i>Behavioral/Social Science*</i><br>3     |
| <i>Behavioral/Social Science*</i> (gen ed)<br>3     | MATH 201 Calculus II<br>4                  |
| MATH 108 Calculus I (gen ed)<br>4                   | <i>Humanities+</i> (gen ed)<br>3           |
| Health<br>1   | C.S. 219 Database Management Systems<br>3  |
| Physical Education<br>1                             | Physical Education<br>1                    |
| <b>18</b>   | <b>20</b>                                  |

\* Choose one: PSY 101, SOC 101, ECON 201 or 202, ANTH 101.

+ ART 103,104,106,112,113,160,215,221,231,250,251,252,255,260; MUSI 104,112,154,158; THA 101,113,152

### SECOND YEAR

| <i>First Semester</i>                     | <i>Second Semester</i>                   |
|---|--|
| C.S. 222 Programming in C/C++<br>3        | MATH 210 Math/Data Structures<br>3       |
| C.S. 215 Systems Analysis and Design<br>3 | MATH 212 Discrete Mathematics<br>3       |
| ENGL 201 or 202 (gen ed)<br>3             | C.S. 238 Java<br>3                       |
| ENGL 221 or 222 (gen ed)<br>3             | HIST 101, 102, 201, or 202 (gen ed)<br>3 |
| <i>Science++</i> (gen ed)<br>4            | <i>Science++</i><br>4                    |
| C.S. 225 Introduction to LAN<br>3         | MATH 214 Statistics<br>3                 |
| <b>19</b>                                 | <b>19</b>                                |

++ A sequence from the following: BIOL 103-104 or 105-106, CHEM 103-104, PHYS 103-104 or 200-201, GEOL 110-111

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

### THIRD YEAR

| <i>First Semester</i>              | <i>Second Semester</i>                           |
|------------------------------------|--|
| CIS 301 Theory of Computation<br>3 | CIS 303 Algorithm Analysis and Design<br>3       |
| CIS 356 or 310<br>3-4              | CIS 380 Professional Practice - [SI] gen ed<br>3 |
| modern language 101                | modern language 102 [ML] gen ed)                 |

|                                  |                                  |
|----------------------------------|----------------------------------|
| 3                                | 3                                |
| [SB or SP] gen ed course<br>3    | [AH or WC] gen ed course<br>3    |
| upper-division elective<br>3     | upper-division elective<br>3     |
| physical education activity<br>1 | physical education activity<br>1 |
| <b>16-17</b>                     | <b>16</b>                        |

FOURTH YEAR

| <i>First Semester</i>                           | <i>Second Semester</i>              |
|---|-------------------------------------|
| CIS 405 Software Engineering - [WI] gen ed<br>3 | CIS 480 or 490 Senior Capstone<br>3 |
| CIS 300 or 400 level elective<br>3              | [PI] gen ed course<br>3             |
| upper-division elective<br>3                    | upper-division elective<br>3        |
| upper-division elective<br>3                    | upper-division elective<br>3        |
| upper-division elective<br>3                    | upper-division elective<br>3        |
| <b>15</b>                                       | <b>15</b>                           |

## CCC Computer Science A.S. with transfer to IS Concentration

### FIRST YEAR

| <i>First Semester</i>                               | <i>Second Semester</i>                     |
|---|--|
| ENGL 101 Freshman English I (gen ed)<br>3           | ENGL 102 Freshman English II (gen ed)<br>3 |
| C.S. 120 Problem-Solving Logic for Programming<br>3 | C.S. 200 Programming in Visual Basic<br>3  |
| BUS 225 Microcomputer Application Software<br>3     | <i>Behavioral/Social Science*</i><br>3     |
| <i>Behavioral/Social Science*</i> (gen ed)<br>3     | MATH 214 Statistics<br>3                   |
| MATH 108 Calculus I (gen ed)<br>4                   | <i>Humanities+</i><br>3                    |
| Health<br>1   | C.S. 219 Database Management Systems<br>3  |
| Physical Education<br>1                             | Physical Education<br>1                    |
| <b>18</b>   | <b>19</b>                                  |

\* Choose one: PSY 101, SOC 101, ECON 201 or 202, ANTH 101.

+ ART 103,104,106,112,113,160,215,221,231,250,251,252,255,260; MUSI 104,112,154,158; THA 101,113,152

### SECOND YEAR

| <i>First Semester</i>                     | <i>Second Semester</i>                   |
|---|--|
| C.S. 222 Programming in C/C++<br>3        | MATH 210 Math/Data Structures<br>3       |
| C.S. 215 Systems Analysis and Design<br>3 | MATH 212 Discrete Mathematics<br>3       |
| ENGL 201 or 202 (gen ed)<br>3             | C.S. 238 Java<br>3                       |
| ENGL 221 or 222 (gen ed)<br>3             | HIST 101, 102, 201, or 202 (gen ed)<br>3 |
| <i>Science++</i> (gen ed)<br>4            | <i>Science++</i><br>4                    |
| C.S. 225 Introduction to LAN<br>3         | C.S. 237 Internet Security<br>3          |
| <b>19</b>                                 | <b>19</b>                                |

++ A sequence from the following: BIOL 103-104 or 105-106, CHEM 103-104, PHYS 103-104 or 200-201, GEOL 110-111

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

### THIRD YEAR

| <i>First Semester</i>                           | <i>Second Semester</i>                           |
|---|--|
| CIS 356 Assembly and Computer Architecture<br>4 | CIS 380 Professional Practice - [SI] gen ed<br>3 |
| upper-division Business Admin minor course<br>3 | upper-division Business Admin minor course<br>3  |
| [SB or SP] gen ed course                        | upper-division Business Admin minor course       |

|  |                                      |
|--|--------------------------------------|
| 3  | 3                                    |
| modern language 101<br>3                   | modern language 102 [ML] gen ed<br>3 |
| upper-division, liberal arts elective<br>3 | [AH or WC] gen ed course<br>3        |
| physical education activity<br>1           | physical education activity<br>1     |
| <b>17</b>                                  | <b>16</b>                            |

FOURTH YEAR

| <i>First Semester</i>                           | <i>Second Semester</i>                          |
|---|---|
| CIS 405 Software Engineering - [WI] gen ed<br>3 | CIS 480/490 Senior Capstone/Internship<br>3     |
| upper-division Business Admin minor course<br>3 | upper-division Business Admin minor course<br>3 |
| upper-division Business Admin minor course<br>3 | [PI] gen ed course<br>3                         |
| upper-division, liberal arts elective<br>3      | upper-division, liberal arts elective<br>3      |
| upper-division elective<br>3                    | upper-division elective<br>3                    |
| <b>15</b>                                       | <b>15</b>                                       |