

TRANSFER 2+2 ARTICULATION AGREEMENT
between
FULTON-MONTGOMERY 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 Fulton-Montgomery Community College to the Computer Science B.A. degree with tracks in Computer Science and 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.

This document was developed in order to provide a seamless two-plus-two transfer opportunity that reduces unnecessary repetition of general education and curricular content. It follows SUNY Transfer Paths and complies with SUNY General Education requirements thereby enabling students to complete their intended program of study on time, without unnecessary cost and/or duplication of effort.

Admission

- the application is available online at www.suny.edu/student - the application fee is waived for students transferring with an associate degree from Fulton-Montgomery Community College
- an official transcript is required from every college attended in order to be considered for admission
- 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 FMCC 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 courses
- an official evaluation of transfer credit is mailed with the admission acceptance letter

SUNY General Education

- students transferring to Potsdam with an FMCC associate degree, having completed 30 semester hours of general education including 7 out of 10 SUNY General Education requirements, will be exempt from any additional Potsdam General Education Foundations and Modes of Inquiry requirements not already satisfied.
- transfer students must complete Potsdam’s Modern Language requirement on a pro-rated basis, a PE activity/HW requirement (2 courses), and Speaking and Writing Intensive requirements if not already satisfied at FMCC. The SI and WI requirements are typically satisfied by completion of upper-division major course work.

Transfer Services

- students have the opportunity to 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.

Fulton-Montgomery Community College – Course Equivalencies for Computer Science track – 10/28/14

FMCC Computer Science A.S.	Potsdam Computer Science B.A. - Computer Science track
CIS 120 Computer Science I	CIS 201 Computer Science I
CIS 160 Database Design and Programming	CIS 420 Database Systems
CIS 220 Computer Science II	CIS 203 Computer Science II
CIS 250 Project Management	CIS 405 Software Engineering
MAT 128 Discrete Mathematics	CIS 300 Foundations of Computer Science
MAT 170 Analytic Geometry and Calculus I	MATH 151 Calculus I
SOC 125 Statistics for the Social Sciences	STAT 100 Statistics

B.A. Computer Science major – Computer Science track requirements remaining to be completed at SUNY Potsdam (25-26 semester hours):

CIS 301 Theory of Computation (3hrs)
 CIS 303 Algorithm Analysis and Design (3hrs)
 CIS 310 Operating Systems (3hrs) **-or-** CIS 356 Assembly Language & Computer Architecture (4hrs)
 CIS 380 Professional Practice (3hrs)
 CIS 410 Computer Networks (3hrs)
 CIS 300/400 upper-division CIS elective (3hrs)²
 CIS 480 Senior Project or CIS 490 CS Internship (3hrs)
 MATH 152 Calculus II (4hrs)

¹ 100 and 200-level course work will transfer to SUNY Potsdam as equivalent to 300-level courses, however, the 300-level credit does not count toward the college requirement that there be 45 hours of coursework at the 300 level or higher.

² Completion of CIS 230 at FMCC may be used as a CIS elective at SUNY Potsdam.

**Completion of 45 semester hours at the 300/400 level (upper-division requirement)
 21-22 hrs completed at the 300/400 level taking above CIS courses at SUNY Potsdam - transfer student will need 23-24 hours more at 300/400 level.¹**

General Education – It is recommended that students complete the SUNY two-year degree requirement of 30 semester hours of general education including 7 out of 10 SUNY General Education requirements. This requirement must include Basic Communication and Mathematics.

FMCC Computer Science A.S. with transfer to Potsdam B.A. Computer Science track

FIRST YEAR

First Semester	Second Semester
ENG 103 English I (3)	ENG 104 English II (3)
CIS 110 Spreadsheets/Database for Profession (3)	CIS 120 Computer Science I (3)
CIS 115 Introduction to Programming Logic (3)	CIS 160 Database Design and Programming (3)
Liberal Arts elective (3)	MAT 170 Analytic Geometry and Calculus I (4)
Liberal Arts elective (3)	CIS elective (3)
Total semester hours: 15	Total semester hours: 16

SECOND YEAR

First Semester	Second Semester
CIS 220 Computer Science II (3)	CIS 250 Project Management (3)
CIS elective (3)	Elective (3)
MAT 128 Discrete Mathematics (4)	Liberal Arts elective (3)
Liberal Arts elective (3)	Science elective (3-4)
Social Science elective (3)	Physical Education or Wellness Education (1)
Physical Education or Wellness Education (1)	
Total semester hours: 17	Total semester hours: 13-14

Potsdam Computer Science B.A. in Computer Science – Computer Science track

THIRD YEAR

First Semester	Second Semester
CIS 301 Theory of Computation (3)	CIS 303 Algorithm Analysis and Design (3)
MATH 152 Calculus II (4)	CIS 300/400 level major elective (3)
<i>modern language 101</i> (3)	<i>modern language 102 [ML] gen ed requirement</i> (3)
upper-division elective (3)	upper-division elective (3)
upper-division elective (3)	upper-division elective (3)
Total semester hours: 15	Total semester hours: 15

FOURTH YEAR

First Semester	Second Semester
CIS 310 Operating Systems -or- CIS 356 Assembly Language & Computer Architecture (3)	CIS 480 Senior Project -or- CIS 490 Computer Science Internship (3)
CIS 380 Professional Practice [SI] gen ed (3)	CIS 410 Computer Networks (3)
upper-division elective (3)	[WI] general education requirement (3)
upper-division elective (3)	upper-division elective (3)
upper-division elective (3)	elective (2)
Total semester hours: 15	Total semester hours: 14

Fulton-Montgomery Community College – Course Equivalencies for Information Systems track

FMCC Computer Science A.S.	Potsdam Computer Science B.A. - Information Systems track
CIS 120 Computer Science I	CIS 201 Computer Science I
CIS 160 Database Design and Programming	CIS 420 Database Systems
CIS 220 Computer Science II	CIS 203 Computer Science II
CIS 250 Project Management	CIS 405 Software Engineering
MAT 128 Discrete Mathematics	CIS 300 Foundations of Computer Science
MAT 170 Analytic Geometry and Calculus I	MATH 151 Calculus I
SOC 125 Statistics for the Social Sciences	STAT 100 Statistics

B.A. Computer Science major – Information Systems track requirements remaining to be completed at SUNY Potsdam (13 semester hours):

- CIS 356 Assembly Language and Computer Architecture (4hrs)
- CIS 380 Professional Practice (3hrs)
- CIS 410 Computer Networks (3hrs)
- CIS 480 Senior Project **-or-** CIS 490 CS Internship (3hrs)

Business Administration Minor to be completed at SUNY Potsdam (18 semester hours)

Completion of 45 semester hours at the 300/400 level (upper-division requirement)

13 hours completed at 300/400 level taking CIS courses at SUNY Potsdam, plus 12-18 hours of 300/400 level Business Administration Minor courses at SUNY Potsdam - transfer student will need 14-20 additional hours at the 300/400 level.

General Education – It is recommended that students complete the SUNY two-year degree requirement of 30 semester hours of general education including 7 out of 10 SUNY General Education requirements. This requirement must include Basic Communication and Mathematics.

FMCC Computer Science A.S. with transfer to Potsdam B.A. Information Systems track

FIRST YEAR

First Semester		Second Semester	
ENG 103 English I	(3)	ENG 104 English II	(3)
CIS 110 Spreadsheet/Database for Professional	(3)	CIS 120 Computer Science I	(3)
CIS 115 Introduction to Programming Logic	(3)	CIS 160 Database Design and Programming	(3)
Liberal Arts elective	(3)	MAT 170 Analytic Geometry and Calculus I	(4)
Liberal Arts elective	(3)	CIS elective	(3)
Total semester hours:	15	Total semester hours:	16

SECOND YEAR

First Semester		Second Semester	
CIS 220 Computer Science II	(3)	CIS 250 Project Management	(3)
CIS elective	(3)	Elective	(3)
MAT 128 Discrete Mathematics	(4)	Liberal Arts elective	(3)
Liberal Arts elective	(3)	Science elective	(3-4)
Social Science elective	(3)	Physical Education or Wellness Education	(1)
Physical Education or Wellness Education	(1)		
Total semester hours:	17	Total semester hours:	13-14

Potsdam Computer Science B.A. in Computer Science – Information Systems track

THIRD YEAR

First Semester		Second Semester	
CIS 356 Assembly Lang & Computer Architec	(3)	CIS 410 Computer Networks	(3)
CIS 300/400 level major elective	(3)	<i>[WI] general education requirement</i>	(3)
<i>modern language 101</i>	(3)	<i>modern language 102 [ML] gen ed requirement</i>	(3)
Business Administration minor elective	(3)	Business Administration minor elective	(3)
upper-division Business Admin minor elective	(3)	upper-division elective	(3)
Total semester hours:	15	Total semester hours:	15

FOURTH YEAR

First Semester		Second Semester	
CIS 380 Professional Practice <i>[SI] gen ed</i>	(3)	CIS 480 Senior Project -or- CIS 490 Computer Science Internship	(3)
upper-division Business Admin minor elective	(3)	upper-division Business Admin minor elective	(3)
upper-division Business Admin minor elective	(3)	upper-division elective	(3)
upper-division elective	(3)	upper-division elective	(3)
upper-division elective	(3)	upper-division elective	(3)
Total semester hours:	15	Total semester hours:	15