

TRANSFER ARTICULATION AGREEMENT
between
MONROE 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 Monroe 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 MCC 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 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
College

Monroe Community

Dr. John F. Schwaller, President

R. Thomas Flynn, President

Date

Date

Monroe Community College

MCC Computer Science A.S.	SUNY Potsdam Computer Science B.A., CS Concentration
CSC 101 Introduction to Computer Science (4)	CIS 201 Computer Science I (4)
CSC 103 Introduction to Data Structures (4)	CIS 203 Computer Science II (4)
MTH 220 Discrete Structures (3)	CIS 300 Foundations of Computer Science (3)
CSC 202 Assembly Lang Prog. of Embedded Micros (4)	CIS 356 Assembly Lang. and Computer Architecture (4)
<i>Choose <u>one</u> of the following computer science electives:</i> CPT 210 Operating Systems and Peripherals (3) CSC 214 Signal and Image Processing (3)	CIS 310 Operating Systems (3) CIS 495 Special Topics (3)
MTH 160 Statistics I (3)	CIS 125 Statistics (3)
MTH 210 Calculus I (4)	MATH 151 Calculus I (4)
MTH 211 Calculus II (4)	MATH 152 Calculus II (4)
Total 29 hrs	Total 29 hrs

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 480 – Senior Project or CIS 490 - CS Internship (3)

CIS Requirements Left – 21 hrs minimum, 27 hrs maximum if Statistics and choice of 4 electives not taken at MCC

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)

MCC Computer Science A.S.	SUNY Potsdam Computer Science B.A., IS Concentration
CSC 101 Introduction to Computer Science (4)	CIS 201 Computer Science I (4)
CSC 103 Introduction to Data Structures (4)	CIS 203 Computer Science II (4)
CSC 202 Assembly Lang Prog. of Embedded Micros (4)	CIS 356 Assembly Lang. and Computer Architecture (4)
<i>Choose one of the following computer science electives:</i> CPT 210 Operating Systems and Peripherals (3) CSC 214 Signal and Image Processing (3)	CIS 310 Operating Systems (3) CIS 495 Special Topics (3)
MTH 160 Statistics I (3)	CIS 125 Statistics (3)
MTH 210 Calculus I (4)	MATH 151 Calculus I (4)
Total 22 hrs	Total 22 hrs

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 480 – Senior Project or CIS 490 - CS Internship (3)
 Business Administration Minor (18)

CIS Requirements Left – 15 hrs minimum, 21 hrs maximum if Statistics and choice of 4 electives not taken at MCC

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)

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

FIRST YEAR

<i>First Semester</i>	<i>Second Semester</i>
ENG 101 College Composition or ENG 200 Adv. Comp 3	<i>Literature Elective</i> (SUNY-H gen ed) 3
<i>Humanities Elective</i> 3	<i>Computer Language Elective</i> 3
MTH 210 Calculus I 4	MTH 211 Calculus II 4
CSC 101 Introduction to Computer Science 4	CSC 103 Introduction to Data Structures 4
<i>Social Science Elective:</i> ANT 101,110,130; ECO 101,111, 112; GEG 201,211; POS 110,120,207,230,245; PSY 101; SOC 101,130,200,201 or 202 (SUNY-SS) 3	<i>Social Science Elective:</i> ANT 102,201; GEG 102; HIS 250,252; POS 220 or SOC 150 (SUNY-OWC) 3
Physical/Health Education 1	Physical/Health Education 1
18	18

SECOND YEAR

<i>First Semester</i>	<i>Second Semester</i>
MTH 220 Discrete Mathematical Structures 3	ENG 251 Technical Writing – [WI] gen ed 3
<i>Natural Science Elective**</i> 4	MTH 160 Statistics I 3
CSC 202 Assembly Lang Prog. of Embedded Micros 4	<i>Natural Science Elective**</i> 4
CSC 206 Digital Computer Organization	<i>Liberal Arts Elective</i> (recommend SUNY-A gen ed)

3	3
<i>Social Science Elective:</i> HIS 105,106,108,111 or 112 (SUNY-AH or WC) 3	<i>Computer Science Elective:</i> CPT 210 Operating Systems or CSC 214 Signal Processing 3
17	16

** Must take science sequence: PHY 161-251, PHY 154-155, CHE 151-152, BIO 155-156, or GEO 101-102

SUNY Potsdam B.A in CS – Computer Science Concentration

THIRD YEAR

<i>First Semester</i>	<i>Second Semester</i>
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 3
modern language I (or liberal arts elective) 3	modern language II (or liberal arts elective) – gen ed 3
[AH or WC] general education requirement 3	[SB or SP] general education requirement 3
upper-division, liberal arts elective 3	upper-division elective 3
physical education activity 1	physical education activity 1
16	16

FOURTH YEAR

<i>First Semester</i>	<i>Second Semester</i>
CIS xxx CS Elective at 300 or 400 level 3	CIS 410 Computer Networks 3
CIS 480 or 490 Senior Capstone 3	[PI] general education requirement 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
15	15

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

FIRST YEAR

<i>First Semester</i>	<i>Second Semester</i>
ENG 101 College Composition or ENG 200 Adv. Comp 3	<i>Literature Elective</i> (SUNY-H gen ed) 3
<i>Humanities Elective</i>	<i>Computer Language Elective</i>

3	3
MTH 210 Calculus I 4	MTH 211 Calculus II 4
CSC 101 Introduction to Computer Science 4	CSC 103 Introduction to Data Structures 4
<i>Social Science Elective:</i> ANT 101,110,130; ECO 101,111, 112; GEG 201,211; POS 110,120,207,230,245; PSY 101; SOC 101,130,200,201 or 202 (SUNY-SS) 3	<i>Social Science Elective:</i> ANT 102,201; GEG 102; HIS 250,252; POS 220 or SOC 150 (SUNY-OWC) 3
Physical/Health Education 1	Physical/Health Education 1
18	18

SECOND YEAR

<i>First Semester</i>	<i>Second Semester</i>
MTH 220 Discrete Mathematical Structures 3	ENG 251 Technical Writing [WI] gen ed 3
<i>Natural Science Elective**</i> 4	MTH 160 Statistics I 3
CSC 202 Assembly Lang Prog. of Embedded Micros 4	<i>Natural Science Elective**</i> 4
CSC 206 Digital Computer Organization 3	<i>Liberal Arts Elective</i> (recommend SUNY-A gen ed) 3
<i>Social Science Elective:</i> HIS 105,106,108,111 or 112 (SUNY-AH or WC) 3	<i>Computer Science Elective:</i> CPT 210 Operating Systems or CSC 214 Signal Processing 3
17	16

** Must take science sequence: PHY 161-251, PHY 154-155, CHE 151-152, BIO 155-156, or GEO 101-102

SUNY Potsdam B.A in CS – Information Systems Concentration

THIRD YEAR

<i>First Semester</i>	<i>Second Semester</i>
CIS 405 Software Engineering 3	CIS 380 Professional Practice - [SI] gen ed 3
upper-division Business Admin minor course 3	CIS 410 Computer Networks 3
upper-division Business Admin minor course 3	upper-division Business Admin minor course 3
modern language I (or liberal arts elective) 3	modern language II (or liberal arts elective) 3
[AH or WC] general education requirement 3	[SB or SP] general education requirement 3
physical education activity 1	physical education activity 1

16	16
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FOURTH YEAR

<i>First Semester</i>	<i>Second Semester</i>
CIS 480/490 Senior Capstone/Internship 3	CIS 420 Database Systems 3
upper-division Business Admin minor course 3	upper-division Business Admin minor course 3
upper-division Business Admin minor course 3	[PI] general education requirement 3
upper-division, liberal arts elective 3	upper-division, liberal arts elective 3
upper-division, liberal arts elective 3	upper-division elective 3
15	15