

TRANSFER ARTICULATION AGREEMENT
between
ORANGE COUNTY 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 Orange County Community College to the Computer Science B.S. degree 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.S. degree in two additional years of full-time enrollment.

Admission

- the application is available online at www.suny.edu/student - the application fee is waived for students transferring with an associate degree from Orange County 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 OCCC 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

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.

Orange County Community College/SUNY Potsdam course equivalencies (for B.S. degree – Computer Science)

Orange County CC Computer Science A.S.	SUNY Potsdam Computer Science B.S.
CSC 102 Computer Science 2	CIS 201 Computer Science I
CSC 201 Data Structures	CIS 203 Computer Science II
CSC 204 Computer Organization and Assembly Language	CIS 356 Assembly Language and Computer Architecture
MAT 205 Calculus 1	MATH 151 Calculus I
MAT 206 Calculus 2	MATH 152 Calculus II
MAT 136 Discrete Mathematics	CIS 300 Foundations of Computer Science
MAT 125 Introduction to Statistics	MATH 125 Probability and Statistics I
CIT 225 Database Fundamentals and Design	CIS 420 Database Systems
MAT 211 Linear Algebra	MATH 375 Linear Algebra I
PHY 105 General Physics 1 with Calculus	PHYS 103 University Physics I
PHY 106 General Physics 2 with Calculus	PHYS 204 University Physics II

B.S. Computer Science major – requirements remaining to be completed at SUNY Potsdam (27 semester hours):

- CIS 301 Theory of Computation (3 hrs)
- CIS 303 Algorithm Analysis and Design (3 hrs)
- CIS 310 Operating Systems (3 hrs)
- CIS 380 Professional Practice (3 hrs)
- CIS 405 Software Engineering (3 hrs)
- CIS 410 Computer Networks (3 hrs)
- CIS 443 Programming Languages (3 hrs)
- CIS 300/400 upper-division elective (3 hrs)
- CIS 480 Senior Project **-or-** CIS 490 CS Internship (3 hrs)

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

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

OCCC Computer Science A.S. degree with transfer to Potsdam B.S. Computer Science

FIRST YEAR

<i>First Semester</i>		<i>Second Semester</i>	
ENG 101 Freshman English 1	(3)	ENG 102 Freshman English 2	(3)
SUNY Social Science (<i>SUNY GE-3</i>)	(3)	Restricted HIS Elect (<i>recommend SUNY GE-4 or GE-5</i>)	(3)
CSC 101 Computer Science 1	(4)	MAT 206 Calculus 2	(4)
MAT 205 Calculus 1	(4)	CSC 102 Computer Science 2	(4)
COM 101 Foundations of Communication	(3)	EET 104 Digital Electronics 1	(4)
PES 100 Concepts of Physical Wellness	(1)	PES Physical Education activity	(1)
Total semester hours:	(18)	Total semester hours:	(19)

SECOND YEAR

<i>First Semester</i>		<i>Second Semester</i>	
PHY 105 General Physics 1 with Calculus	(4)	PHY 106 General Physics 2 with Calculus	(4)
MAT 211 Linear Algebra	(3)	MAT 125 Introduction to Statistics	(3)
CSC 201 Data Structures	(3)	MAT 136 Discrete Mathematics	(3)
Restricted Elective (<i>recommend SUNY GE-8 gen ed</i>)	(3)	CSC 204 Comp Organiza/Assembly Language Program	(3)
CIT 225 Database Fundamentals and Design	(3)	Electives (<i>recommend SUNY GE-4 or GE-5 gen ed</i>)	(2/4)
Total semester hours:	(16)	Total semester hours:	(15/17)

SUNY Potsdam B.S. in Computer Science

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 [<i>WI</i>] <i>gen ed</i>	(3)	CIS 380 Professional Practice [<i>SI</i>] <i>gen ed</i>	(3)
[<i>SB</i>] <i>general education requirement</i>	(3)	CIS 443 Programming Languages	(3)
<i>modern language 101</i>	(3)	<i>modern language 102</i> [<i>ML</i>] <i>gen ed requirement</i>	(3)
upper-division elective	(3)	[<i>XC</i>] <i>general education requirement</i>	(3)
upper-division elective	(3)	upper-division elective	(3)
Total semester hours:	(15)	Total semester hours:	(15)

FOURTH YEAR

<i>First Semester</i>		<i>Second Semester</i>	
CIS 480 Senior Project or CIS 490 CS Internship	(3)	CIS 300 or 400 level major elective	(3)
CIS 310 Operating Systems	(3)	CIS 410 Computer Networks	(3)
[<i>PI</i>] <i>general education requirement</i>	(3)	upper-division elective	(3)
upper-division elective	(3)	upper-division elective	(3)
elective	(3)	elective	(3)
Total semester hours:	(15)	Total semester hours:	(15)