

IONA COLLEGE ARTICULATION AGREEMENT

Sending College: *Orange County Community College,
State University of New York (SUNY Orange)*

Department: Applied Technologies

Program: Computer Science

Degree: Associate in Science

Receiving College: *Iona College*

Department: Computer Science

Program: Computer Science

Degrees: Bachelor of Science or Bachelor of Arts

ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

A cumulative grade point average (GPA) of 2.5 is expected for regular admission.

All related Iona College transfer policies and processes apply, which include, but are not limited to:

1. Submission of a completed Transfer Student application accompanied by the application fee, made payable to Iona College.
2. Submission of final official transcripts from all colleges previously attended.
3. Submission of an official high school transcript and, if appropriate, official results of any Advanced Placement, CLEP, or International Baccalaureate exams.

NOTE: International students should connect with Iona Admissions for additional information.

Orange County Community College graduates with an earned Associates Degree in Computer Science will receive up to 64 credits in transfer toward the Bachelor of Science or Bachelor of Arts degree in Computer Science at Iona College.

Students with a 2.5 grade point average for all prior college course work will be waived from the Liberal Arts Core requirements, with the exception of required courses in Religious Studies and Philosophy. No course graded less than C will be evaluated for transfer credit. Any student who does not meet the 2.5 minimum grade point average for a waiver of the College Core will have courses evaluated on a course-by-course basis for use in fulfillment of the Liberal Arts Core and Computer Science major.

Minimum total credits required at Iona College, beyond those granted in transfer, to complete the baccalaureate degree is 56 to 60, only if the Liberal Arts Core is waived, as charted below.

Course-To-Course Equivalencies and Transfer Credit Awarded

Orange County Community College General Education Requirements (chosen for use in Transfer)		Iona College Equivalency and use in Program		
Course Information	Credit	Course Information	Use	Credit
GE 1: Mathematics, MAT 205 – Calculus I	4	MTH 231, Calculus I	Core	4
GE 2: Natural Science, PHY 105 Gen. Physics I w/calculus	4	PHY 101, Physics I	Core	4
GE 3: Social Science, One course chosen from: ECO 201, 202, POL 101, PSY 101, or SOC 101	3	ECO 201, 202, POL 203, PSY 202, or SOC 101	Core	3
GE 6: Restricted History Elec., HIS 121 or 122	3	HST 101 or 201	Core	3
GE 7: Humanities, ENG 102	3	ENG 120	Core	3
GE 8/9: Restricted SUNY Elec., One course from PHL 210, 220, or 230	3	PHL 110, 210, or RST 101	Core	3
GE 10: Basic Communication, ENG 101	3	ENG 119	Elective	3
GE 10: Basic Communication, COM 101	3	SCS 101	Core	3
Physical Education, PES 100 & PED Elect.	2	Non-liberal Arts Elective	Elective	2
General Elective, from approved list	1	Elective credit	Elective	1
Subtotal: 29 Credits				
Orange County Community College Degree/Major Requirements		Iona College Equivalency and Program Use		
Course Information	Credit	Course Information/Degree Program	Use	Credit
CSC 101 Computer Science 1	4	CS 201(BS/BA)	Core	4
MAT 206 Calculus II	4	MTH 232 (BS)	Co-Req.	4
CSC 102 Computer Science 2	4	CS 202 (BS/BA)	Pre-Req.	4
EET 104 Digital Electronics	4	These two courses are weighed as ONE for major course, CS 311, and a liberal arts elective (BS/BA)	Major	4
CSC 204 Computer Org. & Assembly Lang. Programming	3		Elective	3
MAT 211 Linear Algebra	3	MTH 250 (BS/BA)	Elective	3
CSC 201 Data Structures	3	CS 301 Data Structures (BA/BS)	Major	3
PHY 106 General Physics w/calc.	4	PHY 102 (BS/BA)	Core	4
MAT 125 Intro to Statistics	3	MTH 270 (BA)	Co-Req.	3
MAT 136 Discrete Mathematics	3	MTH 310 (BS/BA)	Co-Req.	3
Subtotal: 35 Credits				
Degree Completion, Total Credits in Transfer: 64				

Senior College Upper Division Courses Remaining for Baccalaureate Degree with Liberal Arts Core Waived

Liberal Arts Core Curriculum		Credit
Humanities (Never waived, but may be reduced from 12 cr. to 9 cr., if one of three courses noted above is taken at OCC)		
PHL 110 Introduction to Philosophy <u>and</u> PHL 210 Moral Philosophy		3 to 6
RST 101 Religion in the Contemporary World <u>and</u> one course chosen from RST 204, 205, 206, 207, 208, or 209		3 to 6
Subtotal for BS	9	Subtotal for BA 9

B.S. Computer Science (ABET Accredited)	Credit	B.A. Computer Science	Credit
Major Pre/Co-requisites:			
MTH 408 Automata and Formal Languages	3		
MTH 432 Probability and Statistics	3		
Additional Science Degree Core, two courses as advised in Biology or Chemistry	8 – 10		
Major Requirements		Major Requirements	
CS 231 Programming in a UNIX Environment	3	CS 231 Programming in a UNIX Environment	3
CS 321 Database Organization and Design	3	CS 321 Database Organization and Design	3
CS 331 Programming Languages	3	CS 451 Operating Systems	3
CS 451 Operating Systems	3	CS 481 Software Project Development: Design	3
CS 481 Software Project Development: Design	3	CS 482 Software Project Development: Implementation	3
CS 482 Software Project Development: Implementation	3	One additional CS course at the 300-400 level	3
One additional CS course at the 300-400 level	6	One additional CS course at the 400 level	
One additional CS course at the 400 level			
Two of the following courses: (6 cr)			
CS 411 Computer Architecture			
CS 421 Advanced Organization & Implementation of D.B. Systems			
CS 431 Compiler Design			
CS 452 Advanced Operating Systems			
Subtotal of Major	44 – 46	Subtotal of Major	21
Remaining Free Electives	1 – 3	Remaining Free Electives	26
TOTAL Degree Credit	120	TOTAL Degree Credit	120

Articulation Agreement Follow-Up Procedures

I. Procedures for reviewing, updating, modifying, or terminating agreement:

- The Department Chairs of both institutions will review implementation of the agreement once every three to five years to ensure that students are adequately informed of the program and to identify issues requiring attention.

II. Procedures for evaluating agreement, e.g., tracking the number of students who transfer under the articulation agreement and their success:

- After transfer into the Iona College Computer Science Department, Iona will inform OCCC about the academic progress of transfer students (graduation dates).
- The Iona College Computer Science Department provides advisement to all students entering the major.

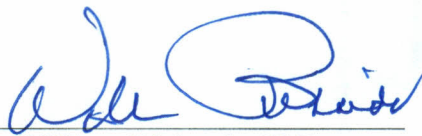
III. Sending and receiving college procedures for publicizing agreement, e.g., college catalogs, transfer advisors, websites, etc.:

- Notice of articulation will be placed in the respective catalogs, recruiting brochures, and websites.
- Respective transfer and academic advisors will be informed and provided with copies of this agreement.

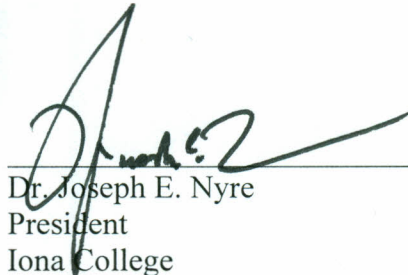
Signatures:

Effective Date:

October 2011



Dr. William Richards, PhD
President
SUNY Orange



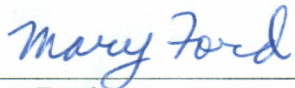
Dr. Joseph E. Nyre
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