

TRANSFER ARTICULATION AGREEMENT

Quinsigamond Community College

and

Fitchburg State University

Computer Science Transfer Associate in Science (CS)

to

Computer Science or Computer Information Systems

Bachelor of Science

Quinsigamond Community College and Fitchburg State University agree to enter into a transfer agreement for the following academic disciplines:

Computer Science Transfer Associate in Science (CS)
to
Computer Science or Computer Information Systems Bachelor of Science

Purpose

This agreement is set forth by Quinsigamond Community College and Fitchburg State University in an effort to delineate a transfer student's best options in course selection. This document signifies the ongoing commitment between these institutions of higher education to promote coordinated curricula of the highest quality. As such, it bears with it the commitment of our respective faculty, and administrative staff to strengthen these ties and address the needs of our students in a mutually beneficial manner.

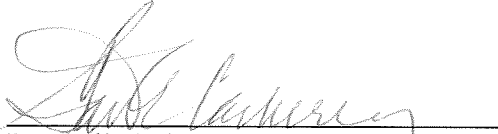
Terms and Conditions of Transfer

- A. Students graduating from the Quinsigamond Community College Computer Science Transfer (CS) Associate Degree program, with a qualitative grade point average of 2.5 or greater, and upon completion of FSU's admissions requirements, are guaranteed acceptance.
- B. In addition, 66 credits of the completed QCC Computer Science Transfer degree will be accepted and applied to FSU's Computer Science or Computer Information Systems degree program. All coursework from the sending program must be completed with grades of C or higher in order to transfer.
- C. Quinsigamond Students will be advised to complete the prescribed coursework, and electives, as listed in the attached program grid (Appendix A). Failure to follow these recommendations may affect guarantee of admission, and will result in additional coursework requirements and longer time to degree completion at Fitchburg State.
- D. Acknowledging that students may, and do transfer from a wide variety of majors, this agreement does not prohibit transfer to or from other programs of study at either institution. This agreement suggests optimal transfer routes from Quinsigamond Community College to Fitchburg State University.
- E. This transfer agreement does not supersede, or in any way alter, the statewide *MassTransfer* agreement currently in existence. Students taking advantage of this program are encouraged to utilize this transfer agreement in preparation for their transfer to Fitchburg State University. Students who complete the QCC Computer Science Associate Degree under the terms of the *MassTransfer* agreement will also have Fitchburg State University Liberal Arts & Sciences requirements waived, with only two courses remaining to complete. Students must still meet any core/prerequisite coursework required in the FSU Computer Science or Computer Information Systems majors.


This agreement is effective October 1, 2016 and will remain in effect until October 1, 2019 with the provision that the terms specified herein will continue to apply to graduates who transfer from Quinsigamond Community College to Fitchburg State University within one year of the expiration of this agreement. The faculty at both institutions agrees to meet annually to review the agreement and discuss modifications.

For: **Quinsigamond Community College**


For: **Fitchburg State University**




Dr. Gail Carberry
President
Quinsigamond Community College



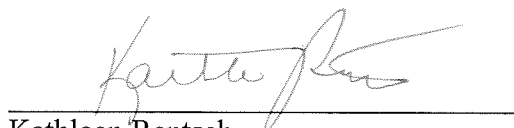
Dr. Richard S. Lapidus
President
Fitchburg State University



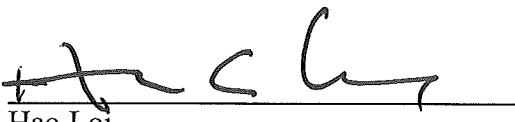
Patricia Toney
Vice President of Academic Affairs




Dr. Alberto J. F. Cardelle
Provost and Vice President for
Academic Affairs




Kathleen Rentsch
Dean of Business and Technology




Hao Loi
Coordinator of Computer Science Transfer
Program



Xuzhou Chen
Chairperson of Computer Science Department



Daniel de la Torre
Coordinator of Transfer & Articulation



Heather Thomas
Mass Transfer Coordinator

Appendix A

**Quinsigamond Community College and Fitchburg State University
QCC Computer Science Transfer to Computer Science or
Computer Information Systems Articulation Table**

QCC Course	Course #	Cr	Fitchburg State Course	Course #	Cr
Semester 1					
Composition I	ENG 101	3	Writing I	ENGL 1100	3
Calculus I	MAT 233	4	Calculus I (substitute for MATH 2200 for CIS students)	MATH 2300	4
Computer Science I	CSC 108	4	Transfer Elective	CSC 1990	4
Lab Science*		4			4
Social Science Elective**		3			3
Semester 2					
Composition II	ENG 102	3	Writing II	ENGL 1200	3
Calculus II	MAT 234	4	Calculus II	MATH 2400	4
Computer Science II	CSC 109	4	Computer Science II plus 1 cr. elective	CSC 1550	4
Lab Science*		4			4
Social Science Elective**		3			3
Semester 3					
Programming With Data Structures	CSC 211	4	System Programming	CSC 2560	4
Humanities Elective		3			3
Discrete Mathematics	MAT 125	3	Discrete Mathematics	MATH 1900	3
Speech Communication Skills	SPH 101	3	Intro to Speech Communication	SPCH 1000	3
Humanities Elective		3			3
Semester 4					
Introduction to Software Engineering	CSC 212	4	Software Engineering plus 1 cr. elective	CSC 4400	4
Probability & Statistics for Engineers and Scientists	MAT 237	3	Probability and Statistics I (will substitute for Business Statistics for Computer Information Systems students)	MATH 4200	3
Intro to Architecture & Assembly Language	CSC 208	4	Assembly Language plus 1 cr. elective	CSC 3300	4
Social Science Elective**		3			3
Total credits					
		66			66

PLEASE NOTE:

For the purposes of this articulation agreement, students are encouraged to complete the elective choices listed below.

***Recommended Lab Sciences**

Students transferring into the FSU Computer Science program should take PHY 101 General Physics I and PHY 102 General Physics II

****Recommended Social Sciences**

Students transferring into the FSU Computer Information Systems program should take ECO 215 Principles of Macroeconomics and ECO 216 Principles of Microeconomics

Coursework left to complete at Fitchburg State University

Coursework left for Computer Science		
MATH 1800 Business Statistics	3	
MATH 2600 Linear Algebra	3	
PHYS 2300 General Physics I	4	Unless transfer in PHY 101 General Physics I from QCC
PHYS 2400 General Physics II	4	Unless transfer in PHY 102 General Physics II from QCC
CSC 1500 Computer Science I	3	
CSC 1600 Introduction to Electronics	4	
CSC 1650 Digital Electronics	4	
CSC 2600 Computer Organization	4	
CSC 3100 Operating Systems	3	
CSC 3200 Programming Languages	3	
CSC 3600 Microprocessors	4	
CSC 3700 Algorithms Data Structure	3	
CSC 4102 Ethical Issues in Computer Science	1	
3000 Level or Above Computer Science Electives	12	
Global Diversity – course coded GDA/N (need one nonwestern course)	3	
Global Diversity – course coded GDC/N (need one nonwestern course)	3	
Total credits left to complete	61	

Coursework left for Computer Information Systems		
ECON 1100 Macro-Economics	3	Unless transfer in ECO 215 Principles of Macroeconomics
ECON 1200 Micro-Economics	3	Unless transfer in ECO 216 Principles of Microeconomics
CSC 1000 Introduction to Programming	3	
CSC 1400 Computer Information Systems	3	
CSC 1500 Computer Science I	3	
CSC 2400 Database Systems	3	
CSC 2700 Business Programming	3	
CSC 3400 Data Communication/Networking	3	
CSC 3450 Local Area Networks	3	
CSC 3710 Systems Analysis Methods	3	
CSC 4700 Systems Design and Implementation	3	
CSC 4102 Ethical Issues in Computer Science	1	
3000 Level or Above Computer Science Elective	3	
BSAD 2010 Introduction to Financial Reporting	3	
BSAD 2020 Introduction to Managerial Accounting	3	
BSAD 3200 Principles of Management	3	
BSAD 3400 Basic Finance	3	
Global Diversity – course coded GDA/N (need one nonwestern course)	3	
Global Diversity – course coded GDC/N (need one nonwestern course)	3	
Total credits left to complete	55	