QUINSIGAMOND
Community College

WORCESTER
S T A T E
UNIVERSITY

Transfer Articulation Agreement

Quinsigamond Community College

and

Worcester State University

Associates Degree in Computer Science-Transfer

to

Bachelor of Science in Computer Science

Statement of Purpose

Quinsigamond Community College (QCC) and Worcester State University (WSU) appreciate that for many students the path to a Bachelor's Degree may include more than one institution of higher education. Recognizing the academic connection between the two programs, this Agreement is created to enable the smooth transfer of QCC students to WSU.

The purpose of this agreement is to provide a smooth transition between the two identified academic programs below by:

- identifying all required and equivalent courses for the relevant programs at each institution, and
- facilitating credit transfer and guarantee of admission for students who meet the agreed upon criteria.

Participants

This agreement has been entered into by QCC, Worcester, MA and WSU, Worcester, MA.

Programs and Courses

A. The QCC Associates Degree in Computer Science-Transfer will be accepted toward the WSU Bachelor of Science in Computer Science Degree program.
B. All coursework included in the Associates Degree in Computer Science-Transfer will be accepted and applied towards required coursework and electives as stipulated in the WSU Bachelor of Science in Computer Science Degree program.

Terms

A. Graduates of the QCC Computer Science-Transfer degree program with a cumulative grade point average (GPA) of 2.5 or higher will be guaranteed admission into the WSU Bachelor of Science in Computer Science degree program under the terms of this agreement.
B. In addition, all 60 credits required for the QCC Computer Science-Transfer degree program will transfer to the WSU Bachelor of Science in Computer Science degree program as shown in Appendix A.
C. QCC students with additional coursework beyond the Computer Science-Transfer degree requirements may be able to transfer additional credits up to a limit of 72, per the established WSU policy for 2-year colleges.
D. The QCC Computer Science-Transfer program conforms to the MassTransfer STEM General Education Foundation policy which stipulates acceptance of a block of 28 general education credits towards the Worcester SU LASC requirements.
E. All coursework from the QCC Computer Science-Transfer program must be completed with grades of C- or better in order to transfer to WSU. However, if there are specific courses within the WSU Computer Science degree that require a higher minimum grade, eligible QCC students participating in this agreement will be held to the WSU grade standards.
F. Transfer students who do not meet the aforementioned standards will be considered for admission to WSU on a case-by-case basis.

Communications and Advising

Communication and advising is central to effective transfer/articulation. Recognizing this:

A. Both institutions agree to include information about this articulation agreement in relevant publications for the purposes of promotion and advising.
B. Both institutions agree to jointly develop appropriate transfer guides and make these available to students and advisors as appropriate.
C. Both institutions agree to notify each other promptly, in writing, of substantive changes in curricula that might affect the Agreement.

Implementation and Length of Agreement

A. This Agreement becomes effective on the date of final signature at both institutions
B. This agreement will remain in effect for 5 years from the date above unless terminated or amended, in writing, by either party with prior written notice.
C. This Agreement does not preclude either party from entering into similar agreements with other institutions of higher education.

Appendix A Quinsigamond Community College and Worcester State University
Computer Science-Transfer AS to Computer Science BS Degree Plan Table

QCC Course Title	Course #	Credits Earned	WSU College Title	Course #	Credits Transferred
Semester 1					
Computer Science I	CSC 108	4	Basics of Computer Science	CS 101	3
English Composition I	ENG 101	3	College Writing I	EN 101	3
Calculus I	MAT 233	4	Calculus I	MA 200	4
Lab Science Elective	---	4	Lab Science Elective	---	4
Semester 2					
Computer Science II	CSC 109	4	Introduction to Programming	CS 140	4
English Composition II	ENG 102	3	College Writing II	EN 102	3
Calculus II	MAT 234	4	Calculus II	MA 201	4
Lab Science Elective	---	4	Lab Science Elective	---	4
Semester 3					
Introduction to Architecture and Assembly Language	CSC 208	4	Computer Organization and Architecture	CS 254	4
Discrete Mathematics	MAT 125	3	Discrete Structures I	CS 225	3
Speech Communication Skills	SPH 101	3	Public Speaking	CM 110	3
Humanities Elective (Recommend ENG 205, Technical & Workplace Writing)	---	3	Technical Writing	EN 252	3
Social Science Elective	---	3	Social Science Elective/Elective	---	3
Semester 4					
Programming with Data Structures	CSC 211	4	Data Structures	CS 242	3
Introduction to Software Engineering	CSC 212	4	Software Process Management	CS 348	3
Probability & Statistics for Engineers and Scientists	MAT 237	3	Probability And Statistics	MA 302	3
Social Science Elective	---	3	Social Science Elective/Elective	---	3

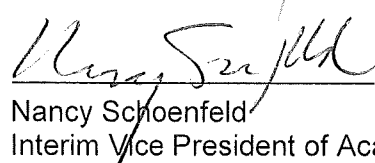## The Following Courses Must Be Completed at WSU towards the CS Degree:

1. CS 155 – Computer networking and Security
2. CS 248 – Algorithm Analysis
3. CS 282 – Unix Programming
4. CS 286 – Database Design and Applications
5. CS 295 – Discrete Structures II
6. CS 373 – Operating Systems
7. 3 CS courses for one of the CS Concentrations (Big Data Analytics or Software Development)
8. 1 CS Elective (CS course of 300 or higher level)
9. UR 230 – Technology, Public Policy and Urban Society
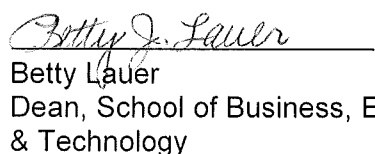10. 1 course for the "Approved Math and Science" list
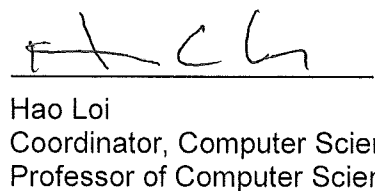
Signatures

The relevant program coordinator and/or academic department chair of each institution shall be responsible for implementing this agreement, for identifying and incorporating any changes into subsequent agreements, and for conducting a periodic review of this agreement.

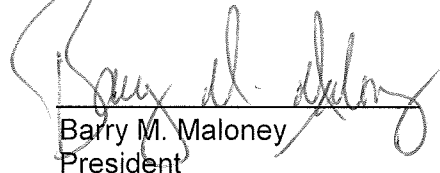For Quinsigamond Community College

Luis Pedraja   12/19/18
President

Nancy Schoenfeld   12/18/18
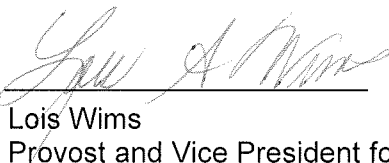Interim Vice President of Academic Affairs

Betty Lauer   12-13-18
Dean, School of Business, Engineering
& Technology

Hao Loi   12/13/18
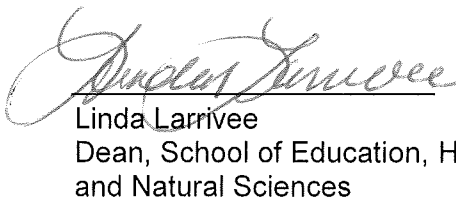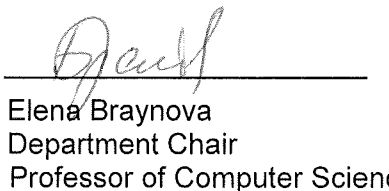Coordinator, Computer Science-Transfer
Professor of Computer Science

Daniel de la Torre   01/02/19
Coordinator of Transfer & Articulation

For Worcester State University

Barry M. Maloney   12/12/18
President

Lois Wims   12/12/18
Provost and Vice President for Academic Affairs

Linda Larrivee   12/12/2018
Dean, School of Education, Health,
and Natural Sciences

Elena Braynova   12/12/2018
Department Chair
Professor of Computer Science

Ryan Forsythe   12/12/18
Vice-President for Enrollment Management