ARTICULATION AGREEMENT

Between

ASSUMPTION UNIVERSITY
AND
QUINSIGAMOND COMMUNITY COLLEGE

Associate of Science in Computer Systems Engineering Technology – Cybersecurity Option
to
Bachelor of Science in Cybersecurity

Assumption University, located at 500 Salisbury Street, Worcester, MA 01609 ("Assumption") and Quinsigamond Community College, located at 670 W Boylston St, Worcester, MA 01606 ("QCC") hereby enter into this Articulation Agreement ("Agreement"), effective as of the date last signed by the authorized administrative representatives of both parties ("Effective Date"). In consideration of the promises and obligations contained herein, the parties agree as follows:

1. **Academic Purpose**. The purpose of this agreement is to facilitate the success of students at QCC and Assumption as well as the transfer of course credits between the two partner institutions. Furthermore, this agreement is intended to serve as a guideline for those who desire to complete their Computer Systems Engineering Technology – Cybersecurity Option Associate in Science Degree at QCC while also transferring into the Cybersecurity Bachelor of Science at Assumption. Assumption and QCC recognize that, for many students, the path to a Bachelor degree may begin at a community college. Recognizing the long history of QCC graduates transferring successfully to Assumption, and the similarities among curricula, this Agreement is formed to enable the smooth transfer of students between the two institutions.

2. **Objectives.**
   a. To facilitate the completion of students' Computer Systems Engineering Technology – Cybersecurity Option Associate in Science Degree at QCC.
   b. To facilitate the completion of students' Cybersecurity Bachelor of Science at Assumption.

c. To encourage the transfer of qualified students from QCC to Assumption by providing effective and concise guidelines.

Further, the purpose of this agreement is to provide smooth transition between the two academic programs by

d. Identifying all required and equivalent courses for the relevant programs at each institution.
e. Facilitating credit transfer and guarantee of admission for students who meet the agreed-upon criteria.

3. **Terms of the Transfer Articulation Agreement**.
   a. This document is based upon the evaluation of course descriptions offered by QCC and Assumption. QCC courses as listed in this agreement will transfer to Assumption provided a grade of C or higher has been earned. Courses judged below university level by Assumption will not be accepted for transfer credit.
   b. Students who graduate from the QCC Computer Systems Engineering Technology – Cybersecurity Option Associate in Science Degree with a cumulative grade point average (GPA) of 2.8 or higher will be guaranteed admission into the Assumption Cybersecurity Bachelor of Science under the terms of this agreement.
   c. Assumption guarantees the transfer of credit as stipulated in the attached Degree Plan Table (Appendix A). QCC students who complete the Computer Systems Engineering Technology – Cybersecurity Option Associate in Science Degree will be awarded the indicated credits to be applied to the Cybersecurity Bachelor of Science, with the remaining credits to be completed in residency at Assumption. QCC transfer students will be subject to all general education requirements at Assumption. QCC students are encouraged to complete additional courses in Art or Music, History, Math, Science, Foreign Languages, or Social Science prior to transfer, to maximize acceptance of QCC credits. QCC courses identified as transferrable are posted at https://www.assumption.edu/sites/default/files/registrar/QCC-AUCourseEquivalencies.docx. Up to 60 credits may be transferred into Assumption. Appendix B depicts "Courses Remaining to be Completed at Assumption".

4. **Communications and Advising.**
   a. The parties agree to include information about this articulation agreement in relevant publications for the purposes of promotion and advising.
   b. The parties agree to jointly develop appropriate transfer guides and make these available to students and advisors as appropriate.

    c. The parties agree to notify each other promptly, in writing, of substantive changes in curricula that might affect the Agreement.

5. **Indemnification and Limitation of Liability.**
   a. Each party agrees to defend, indemnify and hold harmless the other party and its trustees, officers, students, employees and agents, and their respective successors, heirs, and assigns against all third party losses, damages, liabilities, and other expenses of every kind and nature, including reasonable attorney's fees, sustained by or incurred by the other party as a result of any debts, actions, causes of action, claims, suits, liabilities, obligations or damages whatsoever resulting from the indemnifying party's gross negligence or willful misconduct and which relate to the indemnifying party's action or inaction in connection with this Agreement. The right to indemnification set forth herein shall be in addition to and not in derogation of any other rights contained in this Agreement.
   b. IN NO EVENT SHALL EITHER PARTY BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES ARISING HEREUNDER. THE PARTIES EXPRESSLY ACKNOWLEDGE AND AGREE THAT THIS LIMITATION OF LIABILTIY SHALL NOT APPLY TO THEIR RESPECTIVE INDEMNIFICATION OBLIGATIONS.

6. **Term, Termination, and Amendment.**
   a. This Agreement constitutes the entire Agreement between QCC and Assumption and is valid for three (3) years from the Effective Date with the provision that the terms specified herein will continue to apply to students admitted from QCC within one year of the expiration of the agreement.
   b. This Agreement may be terminated by either party by giving ninety (90) days written notice to the other party.
   c. Either party may take the initiative to amend this Agreement by submitting suggestions in writing to the other. No addition, modification, or deletion to the Agreement shall be valid unless reduced to writing and signed by authorized administrative representatives from both institutions.
   d. Each institution agrees to provide timely notice to the other in the event of any modification to the curriculum that might affect compatibility for admission and transfer of coursework. Students admitted to the QCC Associate in Science Degree program prior to such notification shall be admitted to Assumption on the basis of this agreement.
   e. This Agreement can be renewed with the express and written consent of both parties for additional three (3) year terms.
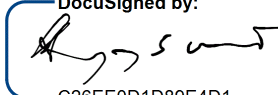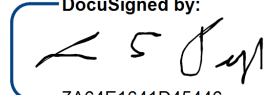
7. **General Provisions.**
   a. All collaborative activities conducted pursuant to this Agreement shall be conducted in accordance with the laws and regulations that apply where
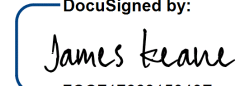
the activities take place. Each of the parties shall also comply with the laws, regulations, and policies applicable to their respective institutions, including their respective non-discrimination policies. The parties agree that no person is excluded from participation under the terms of this Agreement on the grounds of race, color, national origin, sex, or creed.

b. Each party represents and warrants that it is: (i) authorized to operate under the law of its jurisdiction; (ii) has obtained the necessary accreditation, licenses, certifications, and permissions from any and all regulatory or accrediting bodies and is in good standing with same; and (iii) not legally barred from entering into the Agreement.

c. The relationship of the parties under this Agreement is that of independent contractors (not legal partners), and neither party has the authority to bind the other party in contract or to incur any debts or obligations on behalf of the other party.

d. This Agreement is non-exclusive and both parties have the right to enter into similar agreements with other parties.

e. This Agreement shall be governed by the laws of the Commonwealth of Massachusetts. In the event of a conflict or dispute pertaining to the terms of this Agreement, the parties agree to use their best efforts to resolve the differences in good faith. If the parties cannot resolve their differences, the parties agree to submit to binding mediation with a mutually agreed to mediator, with each party bearing equally the costs of mediation. Mediation shall be held in Massachusetts if a claim of breach is brought by either of the parties. The parties may mutually agree in writing to an alternative location for mediation.
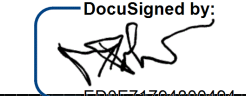
IN WITNESS WHEREOF, the duly authorized administrative representatives of Assumption and QCC have executed this agreement as of the day and year given below.
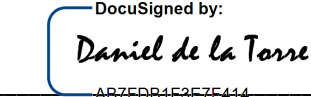
Gregory S. Weiner, Ph. D.
Provost and Academic Vice President
Assumption University

Date _____7/2/2021_____

Luis Pedraja, Ph.D.
President
Quinsigamond Community College

Date _____7/2/2021_____

James Keane, Ed.D.
Vice President of Academic Affairs
Quinsigamond Community College

Date _____7/2/2021_____

Betty Lauer, A.L.M.
Dean of the School of Business, Engineering and Technology
Quinsigamond Community College

Date _____7/2/2021_____

Dean Polnerow, M.S.
Coordinator of Computer Systems
Engineering Technology Programs
Quinsigamond Community College

Date _____7/1/2021_____

Daniel de la Torre, Ph.D.
Coordinator of Transfer & Articulation
Quinsigamond Community College

Date _____7/1/2021_____

Appendix A - Degree Plan Table - Mapping of Courses
QCC Computer Systems Engineering Technology – Cybersecurity Option Associate in Science to
Assumption - Cybersecurity Bachelor of Science

QCC Course Title	Course #	Credits	Assumption University Title	Course #	Credits
Semester 1					
Windows Client Operating Systems	CSC 141	4	Operating Systems Administration[1]	CYB 265	3
Networking Technologies	CSC 234	4	Networking and Data Communications[2]	CYB 230	3
Composition I	ENG 101	3	English Composition	ENG 130	3
Speech Communication Skills	SPH 101	3	Speech	ENG 211	3
Mathematics Elective (Recommend Statistics or Pre-Calculus)	MAT 122 or MAT 123	3	Statistics or Elementary Functions	ECO 115 or MAT 114	3
Semester 2					
Computer Hardware and Support	CSC 233	4	Cybersecurity Elective[3]	CYB 199	3
Windows Server Operating Systems	CSC 241	3	Operating Systems Administration[1]	CYB 265	---
IT Security Foundations	CST 205	3	Securing Wired and Wireless Networks	CYB 235	3
Enterprise IT Systems Security	CST 208	3	Cybersecurity Elective[4]	CYB 299	3
Composition II	ENG 102	3	Introduction to Literature	LTE 140	3
Semester 3					
Pre-Cooperative Education Seminar	CPS 298	0	---	---	---
Systems Programming and Scripting	CSC 201	3	Introduction to Programming	CSC 117	3
Computer Forensics	CST 206	3	Computer, Network Forensic and Digital Investigations	CYB 328	3
Advanced Topics in Security	CST 211	3	Cybersecurity Elective[3]	CYB 199	---
Internetworking Principles and Protocols	CST 231	3	Networking and Data Communications[2]	CYB 230	---
UNIX Operating Systems I	CST 245	4	Operating Systems Administration[1]	CYB 265	---
Technical and Workplace Writing	ENG 205	3	Business and Technical Writing	ENG 304	3
Semester 4					
Ethical Hacking	CST 209	3	Ethical Hacking	CYB 338	3
Routing Technologies	CST 240	4	Cybersecurity Elective[3]	CYB 199	---
Cooperative Work Experience and Seminar	CST 299	3	Cybersecurity Elective[4]	CYB 299	---
Liberal Arts Elective*	---	3	Liberal Arts Elective	---	3
Social Science Elective*	---	3	Social Science Elective/Elective	---	3
Total Credits Required:		**67**			**45***

Notes

The following QCC courses are accepted in consolidated form to specified Assumption equivalents:
[1] CSC 141, CSC 241 and CST 245 = CYB 265; [2] CSC 234 and CST 231 = CSC/CYB 230; [3] CSC 233, CST 211 and CST 240 = CYB 199; [4] CST 208 and CST 299 = CYB 299

* Due to course consolidation and credit conversion, a total of 45 credits are awarded in transfer to the Cybersecurity Bachelor of Science Major. QCC students are encouraged to complete additional courses in Art or Music, History, Math, Science, Foreign Languages, or Social Science prior to transfer, to maximize acceptance of QCC credits. QCC courses identified as transferrable are posted at
https://www.assumption.edu/sites/default/files/registrar/QCC-AUCourseEquivalencies.docx. Up to 60 credits may be transferred into Assumption.

Appendix B - Courses Remaining to be Completed at Assumption

Course #	Course Title	Credits
Semester 5 (Fall)		
CYB 115	Cybersecurity Fundamentals	3
Choose one (if not taken at QCC)		3
ECO 115	Statistics, or	
PSY 224	Statistics, or	
SOC 300	Statistics	
Core	a course in History (if not taken at QCC)	3
Core	THE 100: Introduction to Theology	3
Core	PHI 100: Socrates and the Search for Truth	3
BUS 100	Introduction to Excel	1
Semester 6 (Spring)		
If odd numbered year		
CSC 303	Operating Systems	3
CSC 321	Database Management Systems	3
else (even numbered year)		
CYB 304	Cryptography	---
CYB 401	Preparing for Cyber Disasters	---
Core	a Foreign Language course, at placement (if not taken at QCC)	3
Core	THE 150, 151, or 153	3
Core	PHI 151, 152, 153, or 154	3
Free elective		3
Semester 7 (Summer)		
Free electives		5
Semester 8 (Fall)		
Core	a Fine Arts course (if not taken at QCC)	3
Core	a Social Science course (if not taken at QCC)	3
Core	a course in Science (if not taken at QCC)	3
Core	a 2nd course in HIS or a Social Science (if not taken at QCC)	3
Core	a 3rd PHI or THE course at a higher level	3
Free elective		3
Semester 9 (Spring)		
If odd numbered year		
CSC 303	Operating Systems	---
CSC 321	Database Management Systems	---
else (even numbered year)		
CYB 304	Cryptography	3
CYB 401	Preparing for Cyber Disasters	3
CYB 438	Independent Cybersecurity Project or Internship	3
Core	a 2nd course in LIT or POL	3
Free electives		6
	Total Credits Required: (all transfer students must complete a minimum of 60 credits at Assumption)	**75***