TRANSFER ARTICULATION AGREEMENT

QUINSIGAMOND COMMUNITY COLLEGE

And

CLARK UNIVERSITY SCHOOL OF PROFESSIONAL STUDIES UNDERGRADUATE PROGRAMS

Associate in Science in Computer Systems Engineering Technology – Cybersecurity Option

To

Bachelor of Science Degree in Cybersecurity

This Transfer Articulation Agreement ("Agreement") is made and entered into by and between CLARK UNIVERSITY SCHOOL OF PROFESSIONAL STUDIES UNDERGRADUATE PROGRAMS (SPS UG) at 950 Main Street in Worcester, Massachusetts and QUINSIGAMOND COMMUNITY COLLEGE (QCC) at 670 West Boylston Street, Worcester, Massachusetts.

This Agreement builds upon the institutions' long-time working relationship and commitment to provide education opportunities for the Worcester area.

This Agreement establishes the terms and conditions under which QCC students who complete the **Associate in Science in Computer Systems Engineering Technology – Cybersecurity Option** program may transfer to SPS UG's **Bachelor of Science in Cybersecurity** program with an additional opportunity to pursue a graduate certificate/degree at the School of Professional Studies.

See Appendix A for the Transfer Table and Appendix B for the Bachelor of Science in Cybersecurity curriculum.

Terms of Agreement

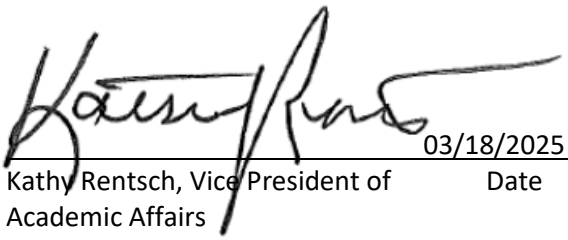
Clark University and QCC hereby agree as follows:

1. Clark University School of Professional Studies Undergraduate Programs (SPS UG) agrees to accept graduates of QCC **Associate in Computer Systems Engineering Technology – Cybersecurity Option** program to SPS UG's **Bachelor of Science in Cybersecurity** program provided that eligible students graduate with a minimum cumulative Grade Point Average (GPA) of 2.5 on a 4.0 scale.
2. Eligible students must complete an online application for admission to Clark SPS UG. Students must meet all program-specific admissions requirements to gain admission. Students are encouraged to submit their completed application six weeks prior to the intended term start. The application fee will be waived for program participants.

3. Clark University School of Professional Studies Undergraduate Programs retains the right to make the final decision on each student's application and reserves the right to rescind an offer of acceptance if student is no longer considered in good academic standing or disciplinary sanctions occur between the time of acceptance and matriculation.
4. Eligible students will receive transfer credit for college-level courses completed at QCC with a grade of "C" or better. A status of incomplete ("I") or Pass ("P") will not be considered for transfer. For intended science and technology majors, science and technology courses completed more than seven years prior to the application date may be considered for transfer at SPS UG's discretion.
5. QCC graduates who complete a SPS UG baccalaureate degree with a minimum overall GPA of 3.0 on a 4.0 scale as part of this Agreement are eligible for general admission into a SPS graduate program. Specific graduate programs may require additional admissions criteria with specified application timelines. The application fee will be waived for program participants. Such graduates may qualify for scholarships to pursue their graduate studies.
6. Clark University SPS UG and QCC agree to endeavor to make this effort a success by providing information and advising to students on this Agreement and designating a contact person for all student inquiries and administrative issues.
7. QCC graduates who transfer to a SPS UG program as part of this Agreement will receive a Community College Transfer Scholarship upon acceptance. No additional application is required. Students may also be eligible for other scholarships.
8. This Agreement becomes effective on March 31, 2025 and remains in effect until March 30, 2028.
9. This Agreement may be terminated or re-negotiated at the request of either institution while giving due protection to those students enrolled at either institution who expect to pursue this plan of study. Either institution may request the termination or change, with or without cause, by giving the other party written notice at least 90 days prior to the effective date of such termination or change. Substantive changes in courses or programs of either institution will necessitate a review of the agreement.
10. This Agreement does not preclude either institution from entering into agreements with others.

SIGNATURES OF APPROPRIATE INSTITUTIONAL LEADERS AND REPRESENTATIVES

QUINSIGAMOND COMMUNITY COLLEGE



03/18/2025

Kathy Rentsch, Vice President of Academic Affairs — Date

CLARK UNIVERSITY

02/18/2025

John Magee, Provost — Date

Appendix A: Transfer Table

QCC Associate in Science in Computer Systems Engineering Technology – Cybersecurity Option to Clark SPS Bachelor of Science Degree in Cybersecurity

QCC Course			SPS Course Equivalent		
Semester 1					
Course Title	**Course #**	**Credits**	**Course Title**	**Course #**	**SPS Units***
Windows Client Operating Systems	CSC 141	4	Foundations of Cybersecurity	CSEC 1000	2
Networking Technologies	CSC 234	4			
Composition I	ENG 101	3	Introduction to Composition	ENG 1000	0.75
Speech Communication Skills	SPH 101	3	Effective Speaking & Presenting	COMM 1210	0.75
Mathematics Elective ***(Recommended: Take MAT 125 Discrete Mathematics (prereq MAT 123 College Mathematics I: Pre-Calculus)***	MAT 125	3	Discrete Mathematics	MATH 1140	0.75
Semester 2					
Computer Hardware and Support	CSC 233	4	CSEC Elective	CSEC T001	1
Windows Server Operating Systems	CSC 241	3	CSEC Elective	CSEC T002	0.75
IT Security Foundations	CST 205	3	Computer Network Security Essentials	CSEC 1900	0.75
Enterprise IT Systems Security	CST 208	3	CSEC Elective	CSEC T003	0.75
Composition II	ENG 102	3	Intermediate Composition	ENG 1150	0.75
Semester 3					
Introduction to Programming with C++ OR Introduction to Programming Using Python OR Systems Programming and Scripting ***(Recommended: Introduction to Programming Using Python)***	CIS 121 OR CSC 101 OR CSC 201	3	Python Programming	CSEC 1090	0.75
Pre Cooperative Education Seminar	CPS 298	0	N/A	N/A	0

Computer Forensics	CST 206	3	Computer Forensics	CSEC 2270	0.75
Advanced Topics in Security	CST 211	3	Cybersecurity Governance	CSEC 2330	0.75
Internetworking Principles and Protocols	CST 231	3	Cloud Computing	CSEC 2310	0.75
UNIX Operating Systems I	CST 245	4	Linux In Cybersecurity	CSEC 2000	1
Technical and Workplace Writing	ENG 205	3	Writing for Professional Communication	COMM 1390	0.75
Semester 4					
Ethical Hacking	CST 209	3	Ethical Hacking	CSEC 2010	0.75
Routing Technologies	CST 240	3	CSEC Elective	CSEC T004	0.75
Cooperative Work Experience & Seminar	CST 299	3	N/A	N/A	0
Liberal Arts Elective ***(Recommended: physical science--lab is not required)***		3	Science		0.75
Social Science Elective ***(Recommended: PSY 101 Introduction to Psychology)***	PSY 101	3	Intro to Psychology	PSYC 1000	0.75
	Total QCC Completed Credits	**67**	**Total Transfer Units to SPS**		**16**

**1 SPS unit = 4 QCC semester credits; 3 semester credits = 0.75 SPS units*

Appendix B: Remaining Requirements Post-Transfer
SPS UG BS Cybersecurity Curriculum

BS degree completion requirements:

- completion of courses as specified in curriculum
- minimum of 32 units (128 semester credits)
    - Minimum 16 units of which are completed at Clark University
    - minimum 2.000 cumulative grade point average (gpa); Transfer credits are not used in calculating gpa at Clark University

	Distribution Requirement	**Transfer from QCC**	**Unit**
1	ENG 1000 Introduction to Composition	ENG 101 Composition I	0.75
2	ENG 1150 Intermediate Composition	ENG 102 Composition I I	0.75
3	Science	Science	0.75
4	COMM 1390 Writing for Professional Communication	ENG 205 Technical and Workplace Writing	0.75
		Remaining Units	0
	Cyber Core		
1	CSEC 1000 Foundations of Cybersecurity	CSC 141 Windows Client Operating Systems + CSC 234 Networking Technologies	2
2	MATH 1140 Discrete Math	MAT 125 Discrete Mathematics	0.75
3	MATH 1150 Statistics		
4	CSEC 1900 Computer Network Security Essentials	CST 205 IT Security Foundations	0.75
5	CSEC 1090 Python Programming	CSC 101 Introduction to Programming Using Python	0.75
6	CSEC 2010 Ethical Hacking	CST 209 Ethical Hacking	0.75
7	CSEC 2150 Database Management		
8	CSEC 2000 Linux in Cybersecurity	CST 245 UNIX Operating Systems I	1
9	CSEC 2810 Case Studies in Cybersecurity / Cyberterrorism		
		Remaining Units	3
	MIS/IT		
1	CSEC 2300 Cryptography		
		Remaining Units	1

Business

1	PA 1000 Introduction to Business		
2	LEAD 1010 Leadership and Decision Making		
3	CSEC 2330 Cybersecurity Governance	CST 211 Advanced Topics in Security	0.75
4	PHIL 1310 Professional Ethics		
		Remaining Units	2

Psychology of Cybersecurity

1	PSYC 1000 Introduction to Psychology	PSY 101 Introduction to Psychology	0.75
2	CSEC 2340 Thinking Like a Hacker		
3	CSEC 2350 Cyber Defense & Countermeasures		
		Remaining Units	2

Communication

1	COMM 2300 Intercultural Communication		
2	COMM 1210 Effective Speaking and Presenting	SPH 101 Speech Communication Skills	0.75
		Remaining Units	1

Select a Track or Electives:

Students may elect to complete one track in the major as defined below or complete four additional CSEC electives.

Cyber Risk Analysis Track

1	CSEC 1800 Introduction to Data Analytics		
2	CSEC 2360 Threat and Risk Assessment (TRA)		
3	CSEC 2320 Cyber Tracking and Reporting		
4	CSEC 2370 Data Mining with Cyber Tools		
		Remaining Units	*4*

Offensive Cyber Operations Track

1	CSEC 2060 Computer Architecture Fundamentals		
2	CSEC 2310 Cloud Computing	CST 231 Internetworking Principles and Protocols	0.75
3	CSEC 2380 Offensive Cyber Tools		

4	CSEC 2390 Pentesting		
		Remaining Units	*3*
Capstone: Cyber Range			
1	CSEC 2999 Capstone: Cyber Range		
		Remaining Units	1
Electives (8, inclusive of Track)			
	CSEC 2270 Computer Forensics	CST 206 Computer Forensics	0.75
	CSEC Elective	CST 233 Computer Hardware and Support	1
	CSEC Elective	CST 241 Windows Server Operating Systems	0.75
	CSEC Elective	CST 208 Enterprise IT Systems Security	0.75
	CSEC Elective	CST 240 Routing Technologies	0.75
		Remaining Units, if Cyber Risk Analysis Track	*2*
		Remaining Units, if Offensive Cyber Operations Track	*3*
		Total Transferred Units	**16**
		Total Remaining Units	**16**