Addendum 5

ACADEMIC ARTICULATION AGREEMENT

A.S in Programmer (PROG.AS) at Springfield Technical Community College, Springfield, MA and B.A. in Computer Sciences (CS) or Computer Information Technology and Security (CITS), Elms College, Chicopee, MA

The above institutions hereby enter into an agreement for the transfer of Springfield Technical Community College graduates from the Programmer PROG.AS degree program into the Elms College Computer Science (CS) or Computer Information Technology and Security (CITS) programs.

Objectives of this Agreement:

1. To attract qualified students from Springfield Technical Community College CIT PROG.AS degree into the B.A. program in CS or CITS at Elms College.
2. To promote a seamless transition for students from Springfield Technical Community College's Associate's degree in PROG (programmer) to part-time or full-time status in Elms College CS or CITS programs.
3. To provide program information and procedural guidelines to part-time and full-time students at Springfield Technical Community College who plan to enroll in the CS or CITS programs at Elms College.
4. To encourage academic coordination, collaboration, and joint academic advising between the faculty in the Springfield Technical Community College Computer Information Technologies Department and the Elms College Computer Information Technology department.

Stipulations of this Agreement:

1. This articulation agreement will be in effect for five years and will be renewable for another five years by consent of Springfield Technical Community College and Elms College. This articulation agreement can be reviewed within 90 days after written notice by either party.
2. Elms College provides the opportunity for students to complete the CS or CITS bachelor's degree program within two years from the date of enrollment.

3. This articulation agreement will be in force, and should be considered the entire agreement, until superseded by a formal contract between Elms College and Springfield Technical Community College that explicitly replaces this agreement.

4. This agreement will apply to Springfield Technical Community College transfer students who have completed an Associate's degree.

5. This agreement guarantees that students who earn an Associate's degree in Programming at Springfield Technical Community College will enter Elms B.A. in CS or CITS program with at least 60 transfer credits. All additional courses taken to satisfy major requirements must meet the standards set by Elms College.

6. Transfer students to the Elms College program may transfer up to a maximum of 78 credits for which students have achieved a "C-" grade or better toward a bachelor's degree in an off-campus program and 75 credits in an on-campus program. Elms College requires that a minimum of 42 credits must be earned as a matriculated Elms College student in an off-campus program. *Please see Section 2.0 Terms of Agreement in MOU.*

7. Springfield Technical Community College students will be given transfer credit for satisfactorily completing Elms College core requirements, general education requirements, and any acceptable equivalent CS or CITS program requirements, up to the maximum allowed for transfer or necessary to satisfy graduation requirements, at time of admission.

Review and Revision Procedures:

1. Review of this agreement shall take place at least every two years or as needed from the date of the signed agreement.

2. At the request of either party, a review of the contents or implementation of this agreement will be conducted by the programs.

3. Beryl Hoffman, Associate Professor of Computer Science at Elms College and Brian Candido, Chair of Computer Information Technologies at STCC may make changes in the attached list of courses accepted for Elms transfer credit without renegotiating the entire agreement.

Assistance Provisions

1. Springfield Technical Community College and Elms College will list this articulation agreement on their websites and in appropriate print documents at their respective institutions.

2. Springfield Technical Community College and Elms College will collaborate in encouraging qualified students to participate in the CS or CITS programs at Elms College by providing the necessary assistance and supports to assure a seamless transition between the two institutions.

Mutual Responsibilities:

1. Brian Candido, Chair of Computer Information Technologies and the Transfer Counselor at STCC, will advise students enrolled in the PROG.AS program at STCC. The attached list of courses accepted for Elms College transfer credit assure maximum transfer of credits that meet the core requirements of Elms College and CS or CITS program requirements.

2. Beryl Hoffman, Associate Professor of Computer Science at Elms College, along with the Associate Director of Admissions for full-time students and the onsite Program Coordinator at STCC in the School of Graduate and Professional Studies will advise and assist transfer applicants in compiling the required credentials for transfer to Elms College CS or CITS programs.

3. Transfer applicants from Springfield Technical Community College applying under this agreement shall be eligible for Elms College financial aid and housing consideration as appropriate to the selected program based on full time or part time status.

4. The final acceptance of online applicants comes from the Assistant Director of Undergraduate Admissions for the School of Graduate and Professional Studies at Elms College. The final acceptance of full time applicants to traditional on-campus programs comes from Joseph Wagner, Director of Admissions at Elms College.

April 4, 2019

ELMS COLLEGE

Harry E. Dumay , Ph.D.

President

Walter Breau, Ph.D.

Vice President of Academic Affairs

Elizabeth T. Hukowicz, Ed.D.

Dean of School of Graduate and Professional Studies

Beryl Hoffman, Ph. D.

Associate Professor, Computer Science

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

John B. Cook, Ph.D.

President

Geraldine de Berly, Ph.D.

Vice President of Academic Affairs

Matthew Gravel, Ed.M.

Dean of Academic Initiatives

Brian Candido, M.Ed.

Chair, Computer Information Technologies

STCC PROG-AS Transfer Eligible Equivalent Courses to Elms CIT Program

STCC CIT PROG Courses (Major Requirements)	**Equivalent Elms CIT Courses** (CS Major Requirements, CITS Major Requirements)
CIT-101 - CIT Foundations	CIT 122 Concept Design
CIT-110 - C# Programming 1 (3 credits) CIT-110L - Lab: C# Programming 1 1 credit	CIT 213 Intro to Programming (in C#) (3 credits) + CIT elective (1 credit)
CIT 115 Python Programming (3 credits) CIT 115L Lab: Python (1 credit)	CIT Elective (4 credits)
CMP-106 - Computer Basics: Concepts & Applications	CIT 101 Introduction to Computers
CIT-111 - C# Programming 2 3 credits CIT-111L - Lab: C# Programming 2 1 credits	CIT Elective (4 credits)
CIT-140 - Web Authoring 1 3 credits CIT-140L - Lab: Web Authoring 1 1 credits	CIT 256 Web Design (3 credits) + 1 credit CIT Elective
CIT-130 - UNIX 1 3 credits	CIT 320 System Administration (3 credits)
CIT-120 - Windows 1 3 credits	CIT Elective (3 credits)
CIT-160 - Networks 1 3 credits	CIT 214 Networks and Security
CIT-201 - Database Systems 3 credits	CIT 215 Database Design and Management (3 credits) +

CIT-201L - Lab: Database Systems 1 credits	1 credit CIT Elective
CIT-220 - Visual Basic.NET 3 credits CIT-220L - Lab: Visual Basic.NET 1 credits	CIT Elective (4 credits)
CIT-205 - XML and Related Topics 3 credits CIT-205L - Lab: Xml and Related Topics 1 credits	CIT Elective (4 credits)
CIT-215 - Java Programming 3 credits CIT-215L - Lab: Java Programming 1 credits	CIT 315 Advanced Programming (3 credits) + 1 credit CIT elective
CIT-141 - Web Authoring 2 3 credits CIT-141L - Lab: Web Authoring 2 1 credits	CIT 366 Web Programming (3 credits) + 1 credit CIT Elective
CIT-116 Mobile Programming 3 credits	CIT 330 Mobile App Design and Development (3 credits)

Courses required to finish the Elms CS major: STCC PROG graduates will need to take the following 5-7 courses (15-21 credits) to finish the Elms CS degree:

- CIT 106 Cyber Ethics
- CIT 214 Networks and Security if CIT 160 (optional) was not transferred in
- CIT 320 System Administration if CIT 130 (optional) was not transferred in
- CIT 332 Data Structures and Algorithms
- CIT 423 Professional Programming Project (senior capstone)
- CIT 482 Internship
- MAT 370 Discrete Math

Courses required to finish the Elms CITS major: STCC CSCI graduates may also be interested in the Elms CITS major. They will need to take the following 6-8 courses (18-24 credits) to finish the Elms CITS degree:

- CIT 106 Cyber Ethics
- CIT 214 Networks and Security if CIT 160 (optional) was not transferred in
- CIT 320 System Administration if CIT 130 (optional) was not transferred in
- CIT 319 Network Administration
- CIT 305 A+ Certification
- CIT 345 Digital Forensics

- CIT 475 Security Capstone
- CIT 482 Internship

Liberal Arts Core Requirements: Elms College Liberal Arts Core requirements are Rhetoric (Composition), one Literature, one Philosophy, one Religion, one History, one Math, one Science, and two Social Sciences. STCC PROG graduates will transfer in Composition, Math, Social Science, and 1 Humanities course, and will probably have 5 core requirements left (philosophy, religion, history, science, social science). Foreign language and PED requirements are waived for students transferring with an associate's degree.

Course Schedule after transferring to complete CS Degree at Elms College:
(Up to 75 credits may be transferred into on campus programs and up 78 credits may be transferred into off-campus and online programs)

On Elms Campus: Students transferring to the main campus traditional semesters can finish their CS degree in three 15-week semesters (45 credits).

Junior Fall Semester	**Junior Spring Semester**
• CIT 332 Data Structures and Algorithms • CIT 214 Networks and Security or CIT 320 System administration • 3 Core Liberal Art Requirements	• CIT 106 Cyber Ethics • MAT 370 Discrete Math • 2 Core Liberal Arts Requirements • 1 Elective
Senior Fall Semester	**Senior Spring Semester**
• CIT 482 Internship • CIT 423 Prof. Programming Project • 3 Electives	Additional electives only needed if transferring in less than 75 credits.