

Addendum 3



ACADEMIC ARTICULATION AGREEMENT

A.S. in Engineering and Science Transfer-Computer Science Transfer Option CSCI.AS at Springfield Technical Community College, Springfield, MA and B.A. in Computer Science or Computer Information Technology and Security Programs at Elms College, Chicopee, MA

The above institutions hereby enter into an agreement for the transfer of Springfield Technical Community College graduates from the A.S. in Engineering and Science Transfer-Computer Science CSCI.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's CSCI.AS degree program option to finish their bachelor's degree in CS or CITS at Elms College.
2. To promote a seamless transition for students from Springfield Technical Community College's CSCI.AS program 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 Computer Science programs at Elms College.
4. To encourage academic coordination, collaboration, and joint academic advising between the faculty in the Springfield Technical Community College Engineering and Science Transfer 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 full-time 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 This articulation agreement will be in force, and should be considered the entire agreement, until superseded by a formal contract between Elms College and Springfield Technical Community College that explicitly replaces this agreement.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 CSCI at Springfield Technical Community College will enter Elms CS or CITS programs 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 major 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 Zahi Haddad, Professor of Engineering and Science Transfer at STCC may make changes in the attached course sequence and 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 and electronic 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. Professor Zahi Haddad will advise students enrolled in CSCI.AS 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 the 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 for online programs 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 option based on full time or part time status.
4. The final acceptance of online and off-campus applicants comes from the Assistant Director of Undergraduate Admissions in the School of Graduate and Professional Studies at Elms College. The final acceptance of full time applicants to the traditional day programs comes from Joseph Wagner, Director of Admissions at Elms College.

April 4, 2019


ELMS COLLEGE

Harry Dumay, Ph.D.



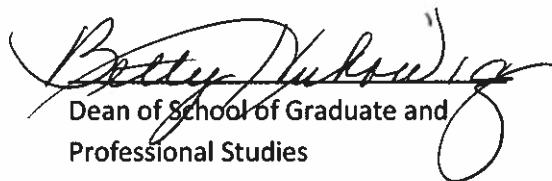
President

Walter Breau, Ph.D.



Vice President of Academic Affairs

Elizabeth T. Hukowicz, Ed.D.



Dean of School of Graduate and Professional Studies

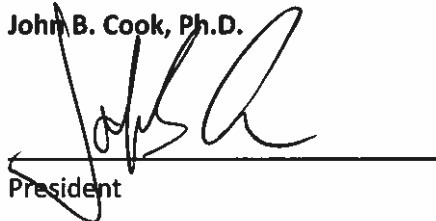
Beryl Hoffman, Ph.D.



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

Robert Dickerman, Ph.D.



Dean of Science and Engineering Transfer

Zahi Haddad, MS



Chair, Engineering and Science Transfer, STCC

**STCC CSCI-AS to Elms College CS Major Articulation Agreement
Transfer Eligible Equivalent Courses**

<u>STCC CSC Required Courses</u> <u>(CSC Major Requirements)</u>	<u>Equivalent Elms Courses</u> <u>(CS Major Requirements,</u> <u>CITS Major Requirements)</u>
CSC-100 - Introduction to Computer Science Or CSC-101 - Computer Science 1	CIT 101 Intro to Computers
CSC-111 - Intro to the Java Programming Language	CIT 213 Intro to Programming
CSC-112 - Intermediate Topics in Java Programming	CIT 312 Advanced Programming
CSC-220 - Data Structures and Algorithms	CIT 332 Data Structures and Algorithms
CSC-210 - Computer Organization and Digital Logic	CIT Elective
CSC 1 credit Labs	CIT Electives
CSE-150 - Linux Command and Shell Programming	CIT 320 System Administration
CSE-220 - Computer and Network Security	CIT 214 Networks and Security
MAT-220 - Discrete Structures	MAT 390 Discrete Math (CS requirement)
MAT-131 - Calculus 1	MAT 131 Differential Calculus
MAT-132 - Calculus 2	MAT 132 Integral Calculus

MAT-240 Linear Algebra	MAT 205 Linear Algebra
PHY-231 - Classical Physics 1	PHY 105 General Physics 1
PHY-232 - Classical Physics 2	PHY 106 General Physics 2
ENG-101 - English Composition 1	ENG 101 Rhetoric

Courses required to finish the Elms CS major: STCC CSCI graduates will need to take the following seven courses (21 credits) to finish the Elms CS degree:

- CIT 106 Cyber Ethics
- CIT 214 Networks and Security if CSE 240 (optional) was not transferred in or CIT 320 System Administration if CSE 150 (optional) was not transferred in.
- CIT 215 Database Design and Management
- CIT 256 Web Design
- CIT 366 Web Programming
- CIT 423 Professional Programming Project (Senior Capstone)
- CIT 482 Internship

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 10 courses (30 credits) to finish the Elms CS degree:

- CIT 106 Cyber Ethics
- CIT 214 Networks and Security if CSE 240 (optional) was not transferred in
- CIT 215 Database Design and Management
- CIT 256 Web Design
- CIT 320 System Administration if CSE 150 (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's Liberal Arts Core requirements are Rhetoric (Composition), one Literature, one Philosophy, one Religion, one History, one Math, one Science, and two Social Sciences. STCC CSCI graduates will transfer in Composition, Science, Math, two Social Sciences, and two Humanities courses, and will only have 2 core requirements left, probably Religion and Philosophy. Foreign language and PED requirements are waived for students transferring in 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 regular semesters can finish their CS degree in three 15-week semesters (45 credits).

Junior Fall Semester	Junior Spring Semester
<ul style="list-style-type: none"> ● CIT 366 Web Programming ● CIT 214 Networks and Security or CIT 320 System administration ● Religion or Philosophy or humanities ● 2 Electives 	<ul style="list-style-type: none"> ● CIT 106 Cyber Ethics ● CIT 256 Web Design ● CIT 215 Databases ● Religion or Philosophy or humanities ● Elective
Senior Fall Semester	Senior Spring Semester
<ul style="list-style-type: none"> ● CIT 482 Internship ● CIT 423 Prof. Programming Project ● 3 Electives 	Additional electives only needed if transferring in less than 75 credits.

Elms Online at STCC: Students transferring to the Elms online CS degree completion programs at STCC can finish their degrees in seven 8-week semesters (42 credits):

Session 1 Fall 1	Session 2 Fall 2	Session 3 Spring 1	Session 4 Spring 2
CIT 106 Cyber Ethics (3)	CIT 214 Networks and Security or CIT 320 System administration (3)	CIT 256 Web Design (3)	CIT 215 Databases (3)
<i>Elms Core Requirement</i> Philosophy or Religion (3)	Elective (CIT and Business courses available) (3)	<i>Elms Core Requirement</i> Philosophy or Religion (3)	Elective (3)
Session 5 Summer 1	Session 6 Summer 2	Session 7 Fall 1	
CIT 482 Internship (3)	CIT 366 Web Programming (3)	CIT 423 Professional Programming Project (3)	Additional electives are only needed if transferring in less than 78 credits.
<i>Elective</i> (3)	<i>Elective</i> (3)	<i>Elective</i> (3)	