



## **Bachelor's Degree Completion Agreement**

This Bachelor's Degree Completion Agreement ("Agreement") is made by and between the University Of Cincinnati College Of Education, Criminal Justice and Human Services, on behalf of the School of Information Technology (UC-CECH), and Sinclair Community College (SCC) on behalf of the Business and Public Services, Computer Information Systems department and the Courseview campus in Mason, Ohio, (SCC) and collectively the "Parties".

Whereas the Parties signed an Institutional Collaboration Agreement on April 6, 2015 to promote joint activities in the area of information technology, and

Whereas the Parties have mutual interest in filling the shortage of qualified information technology professionals in the southwest Ohio region and nationally, and

Whereas the Parties have articulated pathways between certain Associate of Applied Science degree offered by SCC and the Bachelor of Science in Information Technology offered by UC, which are set forth in Transfer Agreements between the Parties attached hereto as Appendix A;

Now, therefore, the Parties agree as follows:

### **Statement of Intent**

Through this Agreement, each Party intends to facilitate collaboration and cooperation between the Parties in areas of mutual interest for the purpose of creating a clear and cost-effective means to complete the requirements of the SCC Associate of Technical Studies degrees followed by the Bachelor of Science in Information Technology ("BSIT") offered by UC online (the "Program"). Each Party further intends to learn from the other Party, in a spirit of collaboration, equality, and mutual interest.

### **Scope**

Each Party agrees to exercise reasonable effort to complete the following.

UC-CECH:

- Accept students who maintain a GPA of 2.0 in the courses completed while enrolled in the pathway portion under SCC, as defined in the attached academic plan.
- Deliver the bachelor completion courses in an online format, which are set forth in Transfer Agreements previously entered into between the Parties, attached hereto as Appendix B.

- Assist in promoting and marketing the pathway.
- Collaborate with SCC faculty and staff to ensure consistency.
- Exercise good faith effort to ensure the success of the pathway.
- Provide academic advising to students in a collaborative effort to ensure associate degree completion and the transfer of students to the UC/CECH BSIT program.
- Appoint a Program Coordinator for the Program.
- Provide out of class meetings and activities (advising, career development professional development, etc.) in connection with the Program at SCC's Courseview Campus in Mason, Ohio.

Students participating in this program will have all the rights and privileges, and be required to satisfy the same academic criteria as those students who began their initial enrollment in the Bachelor of Science in Information Technology offered by UC.

SCC:

- Communicate admission criteria to the pathway defined in this agreement to ensure students' success.
- Deliver the agreed upon courses (toward the both the Associates and Baccalaureate) defined in the attached academic plan.
- Complete all assessment reports needed by UC to maintain ABET accreditation (<http://www.abet.org>)
- Provide advising support to students throughout the entire pathway including the duration when students are completing courses delivered by IJC.
- Assist in promoting and marketing the pathway.
- Collaborate with UC faculty and staff to ensure consistency.
- Exercise good faith effort to ensure the success of the pathway.
- Provide academic advising to students in a collaborative effort to ensure associate degree completion and the transfer of students to the UC/CECH BSIT program.
- Appoint a Program Coordinator for the Program.
- Make space available at its Courseview Campus in Mason, Ohio for UC to provide out of class meetings and activities in connection with the Program.

### **Term and Modification**

This Agreement takes effect on the date both Parties have signed, and terminates after the admission of three cohorts, unless the parties otherwise agree. After the admission of the third cohort, the Parties will review the Agreement to determine if it should be continued or revised; thereafter this Agreement will extend automatically with the admission of each new cohort unless the Parties agree to changes.

The program coordinators from both Parties will meet at least once per year to review the progress of the Agreement and recommend actions to their program directors. Any modification to this Agreement shall not be valid unless made in writing and signed by both Parties.

### **Termination**

This Agreement may be terminated by either Party immediately upon written notice to the other Party. Notice is effective when deposited in care of each Party's responsible representative, named below, or when otherwise reasonably effectuated. In the event of termination, the Parties will ensure that students enrolled in the program prior to termination are supported until they graduate, withdraw, or are dismissed.

### **University of Cincinnati**

### **Sinclair Community College**

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Lawrence Johnson  
Dean, College of Education, Criminal  
Justice, & Human Services

Date: 6/16/16

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David L. Collins, PhD  
Provost

Date: 06/20/16

### ***Signed in ink***

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Printed Name: Lauren Hunter  
Assistant Contracting Officer

Date: 5/11/16

### ***Signed in ink***

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Scott Markland  
Vice President for Regional Centers

Date: 6/20/16

### ***Signed in ink***

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Sue Merrell Daley  
Dean of Business in Public Services

Date: 6/21/16



## **Institutional Collaboration Agreement**

This institutional collaboration agreement (“Agreement”) is made by and between the University of Cincinnati, on behalf of the School of Information Technology and Sinclair Community College on behalf of the Computer and Information Systems department, each a “Party” and collectively the “Parties.”

Whereas the Parties have mutual interests in promoting training, research, education and publication through joint activities in the area of information technology.

Now, therefore, the Parties agree as follows:

### **Statement of Intent**

Through this Agreement, each Party intends to facilitate collaboration and cooperation between the Parties in areas of mutual interest for the purpose of facilitating the transition of graduates of the two-year associate degree programs to the related five-year baccalaureate program. Each Party further intends to learn from the other Party, in a spirit of collaboration, equality, and mutual interest. This agreement applies only to students who earn the associate degree and wants to complete a bachelor degree.

### **Scope**

Each Party agrees to give due consideration to any request to collaborate and cooperate on any of the following areas:

- Advising of students;
- Curriculum development;
- Assessment of students’ learning;
- Joint sponsorship of conferences;
- Exchange of materials, articles and other publications; and
- Other such activities as may be mutually agreed upon.

### **Activity Agreements**

The Parties shall only undertake joint activities pursuant to a separately, executed agreement by all Parties.

### **Duration**

This Agreement takes effect on the date both Parties have signed, and terminates three years thereafter.

**Modification or Termination**

The written provisions contained in this Agreement constitute the sole and entire agreement made between the Parties relating to collaboration and any amendments to this Agreement shall not be valid unless made in writing and signed by both Parties. This Agreement can be terminated at will by either Party immediately upon written notice to the other Party. Notice is effective when deposited in care of each Party’s responsible representative, named below, or when otherwise reasonably effectuated.

**Non-binding**

This Agreement does not constitute a binding contract, and the parties do not intend to be legally bound unless and until a subsequent agreement specifically defining any joint activities has been executed by both parties.

**Signature and Notices:**

Accepted and Agreed  
**University of Cincinnati**

**Signature and Notices:**

Accepted and Agreed  
**Sinclair Community College**

***Signed in ink***

Printed Name: Lawrence Johnson

Title: Dean

College of Education, Criminal Justice,  
& Human Services

Date: 4/6/15

***Signed in ink***

Printed Name: Sue Merrell-Daley

Title: Dean

Date: 4/6/15

***Signed in ink***

Printed Name: Talia Bryan

Assistant Contracting Officer

Date: 4/6/15

### Five Year Plan for BSIT – Software Application Development Track

Students are required to work with their academic advisors at both Clack State & UC to Finalize their degree plan

Courses	Semester 1	Credits
ACC 1210/ACC1100	Introduction to Financial Accounting OR Small Business Accounting	3
CIS 1107	Introduction to Operating Systems	3
BIS 1120	Introduction to Software Applications	3
CIS 1111	Introduction to Problem Solving & Computer Programming	3
CIS 1130	Network Fundamentals	3
		15

	Sinclair Courses
	UC Courses

Courses	Semester 2	Credits
CIS 1140	Information Systems Analysis & Design	3
ENG 1101	English Composition I	3
CIS 2165	Database Management	3
CIS 2550	Linux Operating System	3
MAT 1580	Precalculus	5
		17

Courses	Semester 3	Credits
CIS 2640	Network Security	3
CIS 1350	Web Site Development with HTML & CSS	3
CIS 2510	Microsoft Windows Server Operating System	3
CIS 2212	Java Software Development I	3
MAT 2170	Business Statistics I	4
PD1010	Intro to COOP for CECH	1
		17

Courses	Semester 4	Credits
CIS 2217	Java Software Development II	3
COM 2206	Interpersonal Communication	3
ENG 1201	English Composition II	3
CIS 2222	ASP.NET with C#	3
HUM 1130	Humanity & the Challenge of Technology	3
		15

At the conclusion of their fourth semester, students will earn the Associate of Technical Studies degree from Sinclair and transfer to UC. They will complete the remaining semesters at UC while taking the highlighted Sinclair courses. Students should work with their UC and Sinclair advisors to finalize their degree plan and develop their co-op schedule. Students will be required to complete 3 semesters of co-op experience.

Courses	Semester 5	Credits
IT2030C	Information Security & Assurance	3
IT3048C	Mobile Device Programming	3
MAT2570	Discrete Mathematics	4
IT1051C	Fundamentals of Digital Media	3
IT3060C	Database Management II	3
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Courses	Semester 6	Credits
IT2020	Implication of Information Technology	3
IT3046C	Client-side Web programming	3
IT3047C	Web Server App Development	3

IT2021	Human Computer Interaction	3
IT1051C	Fundamentals of Digital Media	3
ENG 1131	Business Writing	3
		15

<b>Courses</b>	<b>Semester 7</b>	<b>Credits</b>
IT5001	Senior Design Project Management I	3
IT5071	Senior Design Software Application Development Technical Practicum I	3
IT4020	Management in IT	3
IT4045C	Enterprise Application Development	3
	Science (BIO, CHE, PHY or GLG)	3
		15

<b>Courses</b>	<b>Semester 8</b>	<b>Credits</b>
IT5002	Senior Design Project Management II	3
IT5072C	Senior Design Software Application Development Technical Practicum II	3
	History, Fine Art or Social Science	3
	Advisor Approved Elective	3
	Science (BIO, CHE, PHY, or GLG)	3
		15

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### Five Year Plan for BSIT – Networking/Systems Track

Students are required to work with their academic advisors at both Clack State & UC to Finalize their degree plan

Courses	Semester 1	Credits
ACC 1210/ACC1100	Introduction to Financial Accounting OR Small Business Accounting	3
CIS 1107	Introduction to Operating Systems	3
CIS 1111	Introduction to Problem Solving & Computer Programming	3
ENG 1101	English Composition I	3
CIS 1130	Network Fundamentals	3
		15

	Sinclair Courses
	UC Courses

Courses	Semester 2	Credits
CIS 1140	Information Systems Analysis & Design	3
CIS 2550	Linux Operating System	3
CIS 1350	Web Site Development with HTML & CSS	3
CIS 2640	Network Security	3
MAT 1580	Precalculus	5
		17

Courses	Semester 3	Credits
COM 2206	Interpersonal Communication	3
CIS 2510	Microsoft Windows Server Operating System	3
CIS 2212	Java Software Development I	3
ECO 2160	Principles of Macroeconomics	3
MAT 2170	Business Statistics I	4
PD1010	Intro to COOP for CECH	1
		17

Courses	Semester 4	Credits
CIS 2165	Database Management	3
CIS 2515	Windows Network Infrastructure	3
ENG 1201	English Composition II	3
CIS 2520	Windows Directory Services Administration	3
HUM 1130	Humanity & the Challenge of Technology	3
CIS 2630	Securing a Network Environment	3
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At the conclusion of their fourth semester, students will earn the Associate of Technical Studies degree from Sinclair and transfer to UC. They will complete the remaining semesters at UC while taking the highlighted Sinclair courses. Students should work with their UC and Sinclair advisors to finalize their degree plan and develop their co-op schedule. Students will be required to complete 3 semesters of co-op experience.

Courses	Semester 5	Credits
IT3037C	Cloud Computing	3
MAT 2570	Discrete Mathematics	4
IT1051C	Fundamentals of Digital Media	3
IT2020	Implication of Information Technology	3
IT3060C	Database Management II	3
		16

Courses	Semester 6	Credits
IT3071C	Network Security	3
IT3038C	Scripting Languages	3
IT2021	Human Computer Interaction	3
IT1051C	Fundamentals of Digital Media	3



ENG 1131	Business Writing	3
		15

<b>Courses</b>	<b>Semester 7</b>	<b>Credits</b>
IT5001	Senior Design Project Management I	3
IT5071	Senior Design Software Application Development Technical Practicum I	3
IT4020	Management in IT	3
IT4037C	Special Topics in Networking	3
	Science (BIO, CHE, PHY or GLG)	3
		15

<b>Courses</b>	<b>Semester 8</b>	<b>Credits</b>
IT5002	Senior Design Project Management II	3
IT5072C	Senior Design Software Application Development Technical Practicum II	3
	Advisor Approved Elective	3
	Science (BIO, CHE, PHY, or GLG)	3
		12
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### Five Year Plan for BSIT – Cybersecurity Track @ Sinclair

Students are required to work with their academic advisors at both Clack State & UC to Finalize their degree plan

Courses	Semester 1	Credits
ACC 1210/ACC1100	Introduction to Financial Accounting OR Small Business Accounting	3
CIS 1107	Introduction to Operating Systems	3
CIS 1111	Introduction to Problem Solving & Computer Programming	3
ENG 1101	English Composition I	3
CIS 1130	Network Fundamentals	3
		15

	Sinclair Courses
	UC Courses

Courses	Semester 2	Credits
CIS 1140	Information Systems Analysis & Design	3
CIS 2550	Linux Operating System	3
CIS 1350	Web Site Development with HTML & CSS	3
CIS 2640	Network Security	3
MAT 1580	Precalculus	5
		17

Courses	Semester 3	Credits
COM 2206	Interpersonal Communication	3
CIS 2510	Microsoft Windows Server Operating System	3
CIS 2212	Java Software Development I	3
ECO 2160	Principles of Macroeconomics	3
MAT 2170	Business Statistics I	4
PD1010	Intro to COOP for CECH	1
		17

Courses	Semester 4	Credits
CIS 2165	Database Management	3
CIS 2515	Windows Network Infrastructure	3
ENG 1201	English Composition II	3
CIS 2520	Windows Directory Services Administration	3
HUM 1130	Humanity & the Challenge of Technology	3
CIS 2630	Securing a Network Environment	3
		18

At the conclusion of their fourth semester, students will earn the Associate of Technical Studies degree from Sinclair and transfer to UC. They will complete the remaining semesters at UC while taking the highlighted Sinclair courses. Students should work with their UC and Sinclair advisors to finalize their degree plan and develop their co-op schedule. Students will be required to complete 3 semesters of co-op experience.

Courses	Semester 5	Credits
IT2020	Implication of Information Technology	3
IT3071C	Network Security	3
MAT 2570	Discrete Mathematics	4
IT1051C	Fundamentals of Digital Media	3
IT3060C	Database Management II	3
		16

Courses	Semester 6	Credits
IT3072C	Computer & Network Forensics	3
IT3075C	Network Monitoring & Intrusion Prevention Systems	3
IT2021	Human Computer Interaction	3
IT1051C	Fundamentals of Digital Media	3

ENG 1131	Business Writing	3
		15

Courses	Semester 7	Credits
IT5001	Senior Design Project Management I	3
IT5071	Senior Design Software Application Development Technical Practicum I	3
IT4020	Management in IT	3
IT4076C	Penetration Testing	3
Science (BIO, CHE, PHY or GLG)		3
		15

Courses	Semester 8	Credits
IT5002	Senior Design Project Management II	3
IT5072C	Senior Design Software Application Development Technical Practicum II	3
IT4077C	Special Topics in Cybersecurity	3
Science (BIO, CHE, PHY, or GLG)		3
		12
		125