



## Pathways Transfer Program Articulation Agreement in Information Systems

Associate Degree (A.S. or A.A.S.) in Computer Information Systems  
to a Bachelor of Science (B.S.) in Science, Mathematics and Technology  
with a concentration in Information Systems

Empire State College (SUNY Empire) and Hudson Valley Community College (HVCC), both of the State University of New York, agree to enter into this Pathways Transfer Agreement in Information Systems. The agreement is designed to support transfer students during their transition to SUNY Empire, and:

- Ease the transition process for HVCC graduates to an educational model comprised of upper-division courses offered at SUNY Empire or on the HVCC campus<sup>1</sup>, online courses, independent study, blended learning, and small group seminars;
- Ensure a smooth transfer for HVCC graduates to SUNY Empire;
- Provide an affordable and convenient baccalaureate degree option for HVCC graduates who want to remain close to their homes and/or community;
- Provide clear guidelines for HVCC graduates to follow during the transition.

Empire State College will offer A.S. and A.A.S. degree graduates in Computer Information Systems from HVCC an opportunity to participate in the Pathways Transfer Program into a Bachelor of Science degree. Further, HVCC graduates will be able to transfer all credits earned as part of their associate degree in Computer Information Systems to SUNY Empire upon enrollment.

### How the Pathways Transfer Program Works

During their first year at SUNY Empire, students in the Pathways Transfer Program may, with advisement, elect to cross-register for additional credits at HVCC beyond the associate degree (up to a total of 79 lower-division credits). These lower-division credits will be applicable to the baccalaureate degree program by satisfying SUNY General Education requirements or needed pre-requisite courses.

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<sup>1</sup> Select upper-division courses offered by SUNY Empire at HVCC's Center for Advanced Studies will vary each semester. To learn more, please refer to the "For Further Information" section on page 3 of this agreement.

Empire State College requires 124 credits for a bachelor's degree, of which HVCC graduates must complete a minimum of 31 credits (in residency) at SUNY Empire. A minimum of 45 upper-division credits, 24 of which must be in the Information Systems concentration, are required consistent with SUNY Empire's requirements for a bachelor's degree. The remaining 79 lower-division credits can be transferred in through transcribed credit or prior learning assessment. Each participating student will be able to transfer all credits earned as part of their A.S. or A.A.S. degree to SUNY Empire, as long as they fit into the student's designed bachelor's degree program (see Appendix C for additional details).

### Benefits for Hudson Valley Community College Transfer Students

Empire State College will provide the following benefits for participating HVCC students:

- Waiver of the \$50 orientation fee
- Provision of a \$100 transfer scholarship in the first term of matriculated enrollment at SUNY Empire
- Guaranteed admission to a bachelor's degree program

To be eligible, HVCC transfer students must have completed an associate degree within the last 3 years, or be in (or entering) their final semester of completing an associate degree.<sup>2</sup>

A unique application code for interested students to use during the admissions application process will be created by SUNY Empire and provided to appropriate staff members in the Career & Transfer Center at HVCC for distribution.

### Benefits for Employees of Hudson Valley Community College

Employees of HVCC may participate in the Pathways Transfer Program and become students at Empire State College by way of this agreement. Employees who hold an associate degree are eligible for the same benefits as are outlined above. Students who hold a bachelor's degree and are interested in a graduate degree program are also eligible for the following benefits:

- Waiver of the \$50 orientation fee
- Provision of a \$100 transfer scholarship in the first term of matriculated enrollment at Empire State College
- A single point of contact at the School for Graduate Studies to guide new students through the admissions, enrollment and orientation process. The contact for HVCC employees is:

Evan Reese

Graduate Outreach and Academic Advisement Coordinator

[Evan.Reese@esc.edu](mailto:Evan.Reese@esc.edu)

(800) 847-3000 ext. 2904

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<sup>2</sup> Note that this applies only to the completion date of the associate degree, and not when all of the courses within the degree were completed. Please refer to "Appendix C", item #4.

To acquire the admission application code to access these benefits, please contact the Career & Transfer Center at HVCC.

### Benefits for Active Military, Veterans, and Spouses

Empire State College has a long-standing commitment of supporting active military, veterans and family members, and enthusiastically pledges to maintain its commitment to provide the following benefits and services to military-aligned students:

- Pre-enrollment advising and an Evaluated Education Plan (EEP) with a review of anticipated transfer credits prior to enrollment
- Waive all mandatory fees for military members (active-duty, guard, reserve and veterans) along with their spouses. Waived fees include: orientation fee, college fee, student activity fee, technology fee, health and wellness fee, portfolio (assessment) fee, and program amendment fee.
- Individualized Prior Learning Assessment (iPLA) fees are waived for military members
- Support military-aligned students through VA and TA funding processes
- Access to the Office of Veteran and Military Education (OVME) and its dedicated resources to support student success all the way through to degree completion.

### Guidelines of the Agreement

As part of the agreement, SUNY Empire will provide the following: (1) individual educational planning and mentoring for all transferring Computer Information Systems students, (2) outreach to faculty and Career & Transfer Center staff at HVCC to provide program information, and (3) offer information sessions for students at HVCC, at SUNY Empire locations, and online.

HVCC agrees to provide: (1) access for cross-registered Pathways transfer students to campus facilities and resources (i.e. Library, academic support, computer labs), (2) promotion of the program on campus to current students, faculty advisors, and alumni, and (3) to include this transfer agreement in any college publications where such agreements are listed (i.e. college catalog, website, transfer office brochures).

Computer Information Systems A.S. or A.A.S. to Information Systems B.S. students may enroll at SUNY Empire on a full or part-time basis. With advisement from their faculty mentor at SUNY Empire, students may elect to design a degree program similar to the samples provided in Appendices A and B.

This agreement becomes effective when all signatures are affixed, and remains in effect for five years from that date (of last signature). The agreement may be amended or renewed by mutual agreement and will be formalized via revision of this agreement.

For Further Information

Dr. Mete Cetiner  
Chair, Department of Computer Sciences and Technology  
SUNY Empire State College  
21 British American Boulevard  
Latham, NY 12110  
(518) 783-6203 ext. 5975  
[Mete.Cetiner@esc.edu](mailto:Mete.Cetiner@esc.edu)

Ricky Thibodeau  
Chair, Department of Business, Computer Science and Criminal Justice  
Hudson Valley Community College  
219 Brahan Hall  
80 Vandenberg Avenue  
Troy, NY 12180  
(518) 629-7349  
[R.Thibodeau@hvcc.edu](mailto:R.Thibodeau@hvcc.edu)

[SIGNATURE PAGE FOLLOWS]

Signatures to the Agreement

**EMPIRE STATE COLLEGE**



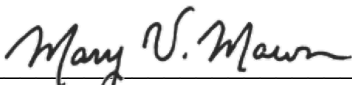
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Nathan Gonyea  
Officer in Charge

\_\_\_\_12/22/2020\_\_\_\_  
Date



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Meg Benke  
Provost and Executive Vice President for Academic Affairs

\_\_\_\_12/21/2020\_\_\_\_  
Date



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Mary Mawn  
Dean  
School of Science, Mathematics and Technology

\_\_\_\_12/11/20\_\_\_\_  
Date

**HUDSON VALLEY COMMUNITY COLLEGE**



\_\_\_\_\_  
Roger A. Ramsammy, Ph.D.  
President

\_\_\_\_December 8, 2020\_\_\_\_  
Date



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Judith DiLorenzo  
Vice President of Academic Affairs

\_\_\_\_December 8, 2020\_\_\_\_  
Date



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Ronalyn Wilson  
Assistant Vice President of Academic Affairs  
Interim Dean, School of Business and Liberal Arts

\_\_\_\_December 8, 2020\_\_\_\_  
Date

**Appendix A:  
A.S. to B.S. in Information Systems  
With an Onsite Degree Completion Option**

Hudson Valley Community College:           A.S. in Computer Information Systems

Empire State College:                            B.S. in Science, Mathematics & Technology,  
Concentration in Information Systems

<b>First Term - HVCC</b>		
FORM 104	College Forum	(1)
CISS 100	Introduction to Computing and Information Sciences	4
CISS 110	Programming and Logic I or	4
CISS 109	Python Programming	
ENGL 101	English Composition I	3
MATH 150	Gen Ed - Math elective (College Algebra with Trigonometry is required)	4
	<b>Term Total</b>	<b>15</b>

<b>Second Term - HVCC</b>		
CISS 111	Programming and Logic II – Data Structures	4
	Gen Ed – History elective	3
MATH 170	Math elective (Precalculus is required)	4
	Gen Ed – Natural Science elective	4
	Restricted English elective	3
	<b>Term Total</b>	<b>18</b>

<b>Third Term - HVCC</b>		
	General Education elective	3
CISS 120	Networking I – Introduction to Data Communication	3
CISS 125	Computer and Information Security	3
	Restricted elective	3
	Gen Ed – Social Science elective	3
	<b>Term Total</b>	<b>15</b>

<b>Fourth Term – HVCC</b>		
CISS 210	Information Systems Analysis and Design	4
	Gen Ed – Humanities elective	3
CISS 150	Operating Systems I	4
CISS 2xx	Restricted elective – programming course	4
CISS 250	Database Management Systems	4
	<b>Term Total</b>	<b>19</b>

<b>Fifth Term – SUNY Empire and HVCC (cross registration)</b>		
EDPL 3010	Educational Planning (SUNY Empire)	4
	General Education elective (HVCC or SUNY Empire)	3
	Statistics (HVCC or SUNY Empire)	4
	Calculus (HVCC or SUNY Empire)	4
	<b>Term Total</b>	<b>15</b>

<b>Sixth Term - SUNY Empire</b>		
MGMT 3060	Organizational Behavior	4
MATH 3015	Discrete Mathematics	4
MGIS 3010	Management Information Systems	4
	<b>Term Total</b>	<b>12</b>

<b>Seventh Term - SUNY Empire</b>		
INFT 3005	Data Analytics **	4
INFT 3015	Economic Issues and Strategies for IT **	4
INFT 3025	Data Communications and Networking	4
INFT 3035	Project Management *	4
	<b>Term Total</b>	<b>16</b>

<b>Eighth Term - SUNY Empire</b>		
INFT 3045	Social, Professional, and Ethical Issues in Computing	4
INFT 3050	Systems Analysis and Design	4
INFT 4005	Business Continuity Planning and Disaster Recovery *	4
	Program elective (advanced)	4
	<b>Term Total</b>	<b>16</b>

\* These courses need a foundational knowledge of core management functions. Therefore, it is recommended that students take a Principles of Management (or equivalent) course prior to taking these upper-division courses

\*\* Approved elective course. It may be replaced with another comparable SUNY Empire course offered online or at one of SUNY Empire's locations with the approval of the student's mentor.

**Appendix B:**  
**A.A.S. to B.S. in Information Systems**  
**With an Onsite Degree Completion Option**

Hudson Valley Community College:           A.A.S. in Computer Information Systems

Empire State College:                        B.S. in Science, Mathematics & Technology,  
 Concentration in Information Systems

<b>First Term - HVCC</b>		
FORM 104	College Forum	(1)
CISS 100	Introduction to Computing and Information Sciences	4
CISS 110	Programming and Logic I or	4
CISS 109	Python Programming	
ENGL 101	English Composition I	3
	Gen Ed – Economics elective	3
MATH 150	Gen Ed - Math elective (College Algebra with Trigonometry is required)	4
	<b>Term Total</b>	<b>18</b>

<b>Second Term - HVCC</b>		
CISS 111	Programming and Logic II – Data Structures	4
CMPT 115	Introduction to Business Analytics with Microsoft Excel	3
CMPT 120	Introduction to Database Concepts with Microsoft Access	3
	Restricted English elective	3
MATH 170	Math elective (Precalculus is required)	4
	<b>Term Total</b>	<b>17</b>

<b>Third Term - HVCC</b>		
	General Education elective	3
CISS 120	Networking I – Introduction to Data Communication	3
CISS 125	Computer and Information Security	3
CISS 150	Operating Systems I	4
	Restricted CIS elective	3
	<b>Term Total</b>	<b>16</b>

<b>Fourth Term – HVCC</b>		
CISS 210	Information Systems Analysis and Design	4
CISS 250	Database Management Systems	4
	General Education elective	3
CISS 2xx	Restricted CIS elective – programming course	4
	<b>Term Total</b>	<b>15</b>



<b>Fifth Term – SUNY Empire and HVCC (cross registration)</b>		
EDPL 3010	Educational Planning (SUNY Empire)	4
	General Education elective (HVCC or SUNY Empire)	3
	Statistics (HVCC or SUNY Empire)	4
	Calculus (HVCC or SUNY Empire)	4
	<b>Term Total</b>	<b>15</b>

<b>Sixth Term - SUNY Empire</b>		
MGMT 3060	Organizational Behavior	4
MATH 3015	Discrete Mathematics	4
MGIS 3010	Management Information Systems	4
	<b>Term Total</b>	<b>12</b>

<b>Seventh Term - SUNY Empire</b>		
INFT 3005	Data Analytics **	4
INFT 3015	Economic Issues and Strategies for IT **	4
INFT 3025	Data Communications and Networking	4
INFT 3035	Project Management *	4
	<b>Term Total</b>	<b>16</b>

<b>Eighth Term - SUNY Empire</b>		
INFT 3045	Social, Professional, and Ethical Issues in Computing	4
INFT 3050	Systems Analysis and Design	4
INFT 4005	Business Continuity Planning and Disaster Recovery *	4
	Program elective (advanced)	4
	<b>Term Total</b>	<b>16</b>

\* These courses need a foundational knowledge of core management functions. Therefore, it is recommended that students take a Principles of Management (or equivalent) course prior to taking these upper-division courses

\*\* Approved elective course. It may be replaced with another comparable SUNY Empire course offered online or at one of SUNY Empire’s locations with the approval of the student’s mentor.

## Appendix C

### Empire State College Policies and Procedures for Transfer

1. Students successfully completing degree requirements for an A.A., A.S., or A.A.S. and transferring in the entire associate degree will be able to transfer to Empire State College all credit earned for the associate degree, including “D” grades that are part of the completed degree. If the entire associate degree is not used toward the Empire State College degree program, “D” grades are not transferable.
2. The residency requirement for a 124 credit bachelor’s degree is 31 credits. Students may transfer in up to the remaining 93 total credits (up to 79 lower-division credits) through transcribed credit and/or prior learning assessment.<sup>3</sup> A student may exceed stated credit minimums in certain circumstances to preserve the integrity of components that meet degree requirements.
3. Any courses taken at Hudson Valley Community College beyond the associate degree will be evaluated for transfer separately from the associate degree based on Empire State College’s advance standing policies.
4. There is no statute of limitations regarding the age of acceptable learning substantiated by transcript except in some areas, technologies and science for instance, where that learning may be outmoded and may not be accepted if it is crucial to the structure of a degree program concentration.
5. Students earning a bachelor’s degree from Empire State College must fulfill all graduation requirements, which include completing 45 advanced-level credits of which 24 are in the concentration. SUNY also requires the completion of 30 general education credits across 7 of 10 designated areas, including mathematics and basic communication.
6. All students need to complete the application process and meet all admissions criteria before being accepted to Empire State College. Students must submit the Empire State College Application for Admission form along with an official transcript(s) of their completed course work to the Office of Admissions, Empire State College, 2 Union Avenue, Saratoga Springs, NY 12866. These forms can be found at [www.esc.edu/admissions](http://www.esc.edu/admissions).

Active, Reserve and Guard Army soldiers should apply and register through the GoArmyEd portal - <https://www.goarmyed.com>. Soldiers may contact the Office of Veteran and Military Education for assistance at [military.programs@esc.edu](mailto:military.programs@esc.edu) or 518-587-2100 ext. 2779.

7. Both colleges acknowledge the confidential nature of student information that may be exchanged between them. As such, both colleges agree that this information must be kept secure, confidential, and only disclosed for academic reasons. Student information will not be shared with third parties, and all FERPA regulations will be adhered to.

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<sup>3</sup> Prior learning assessment includes NYSED approved degree granting institutions, Pre-evaluated credit (NCCRS, ACE, SUNY Empire PLE) and other approved sources. For full list visit: <http://www.esc.edu/degree-planning-academic-review/prior-learning-assessment/evaluation-prior-college-level-learning/>