

Appendix A: Transfer Course Equivalencies

Effective dates: *February 1, 2019* through *January 31, 2022*

Herkimer Community College A.S. – Computer Science				SUNY Canton B. Tech- Information Technology (2045)		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1				BSAD 100	Introduction to Business	3
				CITA 163	Survey of Information Technology	3
	IS 124	Principles of Programming I	3	CITA 152	Computer Logic	3
	EN 111	College Writing	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
	MA 245	Calculus I	4	MATH ____	Mathematics Elective ²	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
2	IS 141	Intr Hardware & Software Cncpt	3	CITA 170	Computer Concepts & Operating Systems	3
	IS 207	Microcomputer Operating System	3	CITA 171	Operating Systems Use & Administration	3
				MATH 141	Statistics (GER 1)	3
	EN 112	College Literature	3		GER Elective	3
		Lab Science Elective	4		GER Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
3	IS 125	Principles of Programming II	3	CITA 180	Introduction to Programming	4
				CITA 215	Database Concepts & Apps	3
	IS 140 & IS 241	Networking Essentials And Network Administration I	7	CITA 220 & CITA 221	Data Comm & Network Tech and Lab	4
	SS 185 or 186	Intro to Macroeconomics or Intro to Microeconomics (Social Science Elective)	3	ECON 101 -or- ECON 103	Macroeconomics (GER 3) -or- Microeconomics (GER 3)	3
		Western Civilization Selective (GER 5)	3		GER Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
4				CITA 204	Systems Analysis and Design*	3
				CITA 250	Information Security	3
		American History Selective	3		GER Elective	3
		Arts Selective	3		GER Elective	3
		Humanities Selective	3		GER Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
5				BSAD 301	Principles of Management	3
				CITA 300	Management Information Systems	3
				CITA 310	Web Server Administration	3
				SOET 361	Project Management	3
				Accounting ³	4	
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
6				CITA 330	Emerging IT Applications	3
				CITA 400	Quantitative Approaches to Management	3
				SOET 370	Engineering Economics	3
					U/L Program Elective ⁴	3
IS 115	Computer Applications I	3		Program Elective ⁴	3	
	IS Elective	3-4		Program Elective ⁴	3	
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
7				CITA 440 & 441	Network Management and Lab	4
	IS 224	Data Structures	3		Program Elective ⁴	3
					U/L Program Elective ⁴	3
					U/L Liberal Arts/Science Elective	3
MA 248	Discrete Mathematics	3		General Elective	3	
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
8				CITA 460	IT & Networked Economy	3
				SOET 477	Capstone Project	3
				CITA 480	IT Internship Or (2) U/L Program Electives ⁴	6
Accepted Transfer Credit Total			60-61	SUNY Program Credit Total		123

Appendix A: Transfer Course Equivalencies

Transfer credits for Herkimer Community College program requirements will be accepted as follows, however do not serve to fulfill requirements of SUNY Canton's Information Technology, B.Tech program:

<u>Herkimer Community College</u>			<u>SUNY Canton</u>		
Course #	Course Name	Cr	Course #	Course Name	Cr
FS 100	First Year Student Seminar	1	FYEP 101	First Year Experience	1

Additional Notes

* Fulfills writing intensive requirement.

UD = Upper Division Course (300/400)

GER = General Education Requirement

Students in this program must take at least 45 upper division credits (course numbers 300/400) and a minimum of 30 Liberal Arts credits.

Seven of ten SUNY General Education Requirement academic areas (including mathematics and basic communication) and 30 credits of SUNY General Education courses must be completed within the first two years of full-time study of the program.

¹ENGL 101 Expository Writing may be taken in place of ENGL 102 Oral and Written Expression.

² Minimum mathematics requirement is MATH 121 College Algebra.

³ ACCT 101 Financial Accounting or ACCT 104 Survey of Accounting recommended.

⁴Program Electives are courses from within the Canino SOET and the Business Department.

Student Learning Outcomes can be found at www.canton.edu/csoet/it/.

ADDITIONAL GRADUATION REQUIREMENTS

Students must take at least four upper division CITA courses and SOET 477 (Capstone Project) from SUNY Canton. Each required CITA course used to meet graduation requirements must have a grade of C or higher or transfer credit. No more than 3 CITA credits with a course number below CITA 150 may be used for credit towards graduation.

STUDENT ELIGIBILITY: Graduates of Associate of Science– Computer Science program at Herkimer Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton **assures acceptance for Herkimer** Community College **students who have a cumulative GPA of 3.0 or better**. Students are encouraged to apply during their last semester at Herkimer Community College.

Program Contact

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Appendix A: Transfer Course Equivalencies

APPROVALS

Herkimer Community College:

William McDonald
Associate Dean of Academic Affairs

Date

SUNY Canton:

Michael Newtown
Dean, Canino School of Engineering Technology

Date

Dr. Minhua Wang
Curriculum Coordinator, Information Technology

Date