	SUNY Adirondack Community College A.S. – Information Technology – Information Security			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
	CIS 143	Introduction to Programming	3	CITA 152	Computer Logic	3
	ENGL 101	Introduction to College Writing	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
		SUNY Gen Ed Mathematics Elective (GER 1)	3-4	MATH _	Mathematics Elective[1]	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
2				CITA 170	Computer Concepts & Operating Systems	3
				CITA 175	Computer Concepts & Operating Systems Lab	1
				CITA 171	Operating Systems Use & Administration	3
	MAT 127	Introductory Statistics with Probability	4	MATH 141	Statistics (GER 1)	3
	ENG 102-110	SUNY Gen Ed Basic Communication Elective (GER 10)	3		GER Elective	3
	PHY 111 or EGR 105	SUNY Gen Ed Natural Science Lab Science	3-4		GER Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
3	CIS 143	Introduction to Programming	3	CITA 180	Introduction to Programming	4
	CIS 237	Database Management Systems	3	CITA 215	Database Apps and Concepts	3
	CIS 131	Introduction to Networking	3	CITA 220 & CITA 221	Data Comm & Network Tech and Lab	4
	ECO 201 or 202	Principles of Economics I (Macro) or Principles of Economics II (Micro) (SUNY Gen Ed Social Science Elective((GER 3)	3	ECON 101 -or- ECON 103	Macroeconomics (GER 3) -OR- Microeconomics (GER 3)	3
		SUNY Gen Ed Arts, Foreign Language, or Humanities Elective (Must carry Liberal Arts designation)(GER 7, 8 or 9)			GER Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
4				CITA 204	Systems Analysis and Design[2]	3
	CIS 211	Information Security	3	CITA 250	Information Security	3
	HIS 100, 101 or102	SUNY Gen Ed Western Civilization Elective (GER 5)	3		GER Elective	3
	HIS 103 or 104	SUNY Gen Ed American History Elective (GER 4)	3		GER Elective	3
					GER Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
5	BUS 102	Principles of Management (L/L course credit only)	3	BSAD 301	Principles of Management	3
				CITA 300	Management Information Systems	3
				CITA 310	Web Server Administration	3
				SOET 361	Project Management	3
	BUS 146	Financial Accounting	4		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
	CIS135	Network Security I	3		Program Elective[4]	3
		Computer Science 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
		Computer Science Elective	3-4		Program Elective[4]	3
					U/L Program Elective[4]	3
					U/L Liberal Arts/Science Elective	3
		Liberal Arts and Sciences SUNY Gen Ed Elective	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

REV JUNE 2020

		Accepted Transfer Credit Total	59-63		SUNY Program Credit Total	123

Transfer credits for <u>SUNY Adirondack</u> Community College program requirements will be accepted as follows, howeverdo not serve to fulfill requirements of SUNY Canton's <u>Information Technology, B.Tech</u> program:

SUNY Adirondack Community College			SUNY Canton		
Course #	Course Name	Cr	Course #	Course Name	Cr
HRD 100, 100A or 101	Freshman Experience	1-4	FYEP 101	First Year Experience	1

Additional Notes

U/L = 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.

[1] Minimum mathematics requirement is MATH 121 College Algebra.

[2] Fulfills writing intensive requirement.

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

[4] Program 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 level 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– Information Technology-Information Security program at SUNY Adirondack Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton **assures acceptance for SUNY Adirondack** Community College **students who have a cumulative GPA of 3.0 or better**. Students are encouraged to apply during their last semester at SUNY Adirondack Community College.

Program Contact

Dr. Christopher Sweeney**,** Program Director, Information Technology
SUNY Canton
34 Cornell Drive, NN 105
Canton, New York 13617
sweeneyc@canton.edu

APPROVALS

SUNY Adirondack Community College:

John E. Jablonski, Ph.D.	*4/6/2021*
Vice President for Academic Affairs	Date
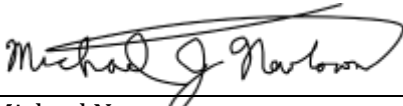
Jenny Postlethwaite	4/7/2021
Director of College Access & Student Success	Date

SUNY Canton:

Michael Newtown	9/22/2020
Dean, Canino School of Engineering Technology	Date

Dr. Christopher Sweeney	9/22/2020
Program Director, Information Technology	Date