	SUNY Sullivan A.A.S. – Computer Programming			SUNY Canton B. Tech– Information Technology (2045)		
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
1				BSAD 100	Introduction to Business	3
	CPT 1200	Computer Information Systems (CPT Elective)	3	CITA 163	Survey of Information Technology	3
	CPT 1301	Logic & Problem Solving	3	CITA 152	Computer Logic	3
	ENG 1001 & COM 1301 or 1305	Composition I AND Fundamentals of Speech OR Intercultural Communications *(Both required for GER 10)*	3 3	ENGL 101	Composition and the Spoken Word (GER 10)	3
	MAT ____	Math Elective	3	MATH __	Mathematics Elective[1]	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
2	CPT 1209	PC Hardware and Software	3	CITA 170/175	Computer Concepts & Operating Systems & Lab	3 1
				CITA 171	Operating Systems Use & Administration	3
				MATH 141	Statistics (GER 1)	3
		Liberal Arts Elective (GER 3-9)	3		GER Elective	3
	SCI____	Science Elective w/Lab (GER 2)	4		GER Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
3	CPT 2216	C++ & Object Oriented Programming	4	CITA 180	Introduction to Programming	4
	CPT 2211	Database Management	4	CITA 215	Database Apps and Concepts	3
	CPT 1161	Networking Essentials	3	CITA 220 & CITA 221	Data Comm & Network Tech and Lab	4
				ECON 101 -or- ECON 103	Macroeconomics (GER 3) -OR- Microeconomics (GER 3)	3
		Liberal Arts Elective (GER 3-9)	3		GER Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
4	CPT 2611	Systems Analysis	4	CITA 204	Systems Analysis and Design[2]	3
				CITA 250	Information Security	3
					GER Elective	3
					GER Elective	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
	CPT 1405	Programming in Visual Basic	4		Program Elective[4]	3
	CPT 1408	Web Design	3		Program Elective[4]	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
7				CITA 440 & 441	Network Management and Lab	4
	CPT 2040	Mobil Application Programming	4		Program Elective[4]	3
					U/L Program Elective[4]	3
					U/L Liberal Arts/Science Elective	3
	CPT 2607	Data Structures	4		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		**57**		**SUNY Program Credit Total**	**123**

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

SUNY Sullivan			SUNY Canton		
Course #	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
IAS 1005	Metamorphosis	2	FYEP 101	First Year Experience	1
CPT 1300	Introduction to Computer Science	3	CITA 299	L/L CITA Elective	3

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.

[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 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 <u>Associate of Applied Science– Computer Programming</u> program at <u>SUNY Sullivan</u> must possess a **minimum cumulative grade point average of <u>2.0 on a 4.0 scale</u>**. SUNY Canton **assures acceptance for SUNY Sullivan students who have <u>a cumulative GPA of 3.0 or better</u>**. Students are encouraged to apply during their last semester at SUNY Sullivan.

Program Contact

Dr. Christopher Sweeney, Director
SUNY Canton
34 Cornell Drive, NN 105
Canton, New York 13617
koyat@canton.edu

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APPROVALS

SUNY Sullivan:

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Jay Quaintance
President
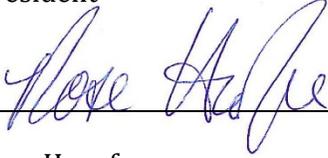
9/30/2021
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Date

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Rose Hanofee
Dean of Liberal Arts, Sciences, and Health Sciences

9/30/2021
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Date

SUNY Canton:

_____

Dr. Christopher Sweeney
Progam Director

11/11/2021
_____
Date

_____

Michael Newtown, Dean
School of Engineering

11.11.21
_____
Date

REV June 2019