	SUNY Adirondack A.A.S. – Information Technology – Computer Networking			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
				CITA 152	Computer Logic	3
	ENG 102-110	SUNY Gen Ed Basic Communications Course (GER 10)	3	ENGL 102	Oral and Written Expression (GER 10)	3
	MAT 119	Finite Mathematics	3	MATH __	Mathematics Elective*	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
2	CIS 120	PC Hardware Fundamentals	3	CITA 170	Computer Concepts & Operating Systems	3
				CITA 171	Operating System Fundamentals	3
				MATH 141	Statistics (GER 1)	3
				ACCT 101 -or- ACCT 104	Foundations of Financial Accounting** -OR- Survey of Accounting**	3
		Liberal Arts Elective (GER 4, 5, 6, 7, 8, or 9)	3		GER Course***	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
3	CIS 143	Introduction to Programming	3	CITA 180	Introduction to Programming	4
				CITA 215	Database Concepts & Apps	3
	CIS 131	Introduction to Networking	3	CITA 220	Data Comm & Network Tech	3
				CITA 221	Data Comm & Network Tech Lab	1
	ECO 201 Or ECO 202	Principles of Economics I (Macro) Or Principles of Economics II (Micro) (Social Science Elective) (GER 3)	3	ECON 101 -or- ECON 103	Macroeconomics (GER 3) -OR- Microeconomics (GER 3)	3
	CIS 134	Routing Protocols and Concepts (CCNA2)	4		Program Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
4				CITA 204	Systems Analysis and Design****	3
	CIS 135	Network Security I	3	CITA 250	Information Security	3
		Lab Science Elective (GER 2)	3-4		GER Course***	3
	CIS 150	Topics in Computing	3		Program Elective	3
	SPH 111	Introduction to Public Speaking	3		General 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
					GER Course***	3
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 Project Analysis	3
					GER Course***	3
	CIS 133	Network Fundamentals (CCNA1)	4		Program Elective	3
	CIS 137	LAN Switching and Wireless (CCNA3)	2		Program Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
7	CIS 151 Or CIS 222	Server Side Scripting Or Programming In Java	3		Program Elective	3
	CIS 144	Intermediate Programming in a Windows Environment	3		Program Elective	3
					U/L Liberal Arts/Science	3
					GER Course***	3
	CIS 138	Accessing the WAN (CCNA4)	2		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	Internship in IT OR (2) Program Electives	6
		Accepted Transfer Credit Total	51-52		**SUNY Program Credit Total**	123

‡ Multiple transfer credit options available depending on elective courses selected. Credits for these requirements will be accepted as follows:

SUNY Adirondack A.A.S. – Information Technology – Computer Networking			SUNY Canton B. Tech– Information Technology (2045)		
Course #	Course Name	Cr	Course #	Course Name	Cr
HRD 100A Or HRD 100 Or HRD 110	Freshman Experience	1-4	FYEP 100	First Year Experience	1
AND/OR			AND/OR		
ENG 101 Or ENG 100A & B	Writing 1	3	ENGL 098	Basic Writing	3
AND/OR			AND/OR		
	Social Science Elective (GER 3)	3		General Education Elective (GER 3)	3
AND/OR			AND/OR		
CIS 232 CIS 233	Server Administration Advanced Routing	6		Program Electives (2)	6
Additional Accepted Elective Transfer Credits		13-16	**Total Credits**		13

TOTAL Credits Accepted for Transfer (from both tables above): 64-68

Program Electives

All CITA courses and courses from within the Canino School of Engineering Technology, SOET and Business Department (including ACCT 102).

Network Security & Web Commerce (Program Elective Sequence): CITA 342 (Visual Programming & Development Tools), CITA 352 (Ethical Hacking & Penetration Tesing), CITA 420 (Programming for the Web), CITA 440 (Network Management).

Management Information Systems (Program Elective Sequence): CITA 307 (Customer Relationship Management), CITA 315 (Decision Support Systems), CITA 320 *(Introduction to Data Mining), CITA 430 (Data Knowledge Management).

Additional Notes

All graduates must have a minimum of 45 upper division credits and 30 liberal arts credits.

All CITA/Program Electives presented for graduation must have a grade of C (or better) or transfer credit. No more than (3) CITA credits with a course number below CITA 150 may be used for credit towards graduation.

U/L= Upper Level

*Minimum mathematics requirement is MATH 121 (College Algebra)

**ACCT 104 (Survey of Accounting) recommended; ACCT 101 (Financial Accounting) recommended for students interested in business.

***Seven of ten different GER areas (including Mathematics and Basic Communication) must be completed. GER's are as follows: GER 1 (Mathematics), GER 2 (Natural Sciences), GER 3 (Social Sciences), GER 4 (American History), GER 5 (Western Civilization), GER 6 (Other World Civilizations), GER 7 (Humanities), GER 8 (The Arts), GER 9 (Foreign Language), GER 10 (Basic Communication).

****Writing Intensive course.

STUDENT ELIGIBILITY: Graduates of Associate of Applied Science– Information Technology (all concentrations) program at SUNY Adirondack Community College must possess a **minimum cumulative grade point average of 2.5 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

Eric Cheng, Department Chair, Decision Systems
SUNY Canton
34 Cornell Drive, NN 105
Canton, New York 13617
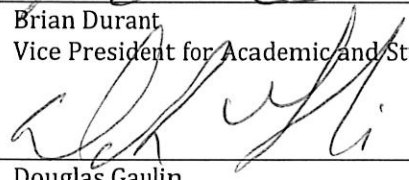(315) 379-3904
cheng@canton.edu

APPROVALS

SUNY Adirondack:

_____   11/5/14
Brian Durant,   Date
Vice President for Academic and Student Affairs

_____   11/4/14
Douglas Gaulin   Date
Assistant Professor of Counseling

SUNY Canton:

_____   09/15/2014
Michael Newtown   Date
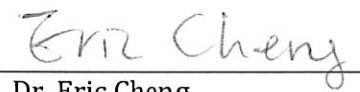Dean, Canino School of Engineering Technology

_____   09/12/2014
Dr. Eric Cheng   Date
Department Chair, Decision Systems