Effective dates: _August 1, 2017_ through _July 31, 2020_

		Dutchess County Community College A.S. – Computer Information Systems: Information Management		SUNY Canton B. Tech– Information Technology (2045)		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1	BUS 102	Introduction to Business (Free Elective)	3	BSAD 100	Introduction to Business	3
				CITA 163	Survey of Information Technology	3
	CIS 112	Computer Programming I	3	CITA 152	Computer Logic	3
	ENG 101	Composition I (Appendix J)	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
		Math Course (110 or higher)	3-4	MATH __	Mathematics Elective[2]	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
2				CITA 170	Computer Concepts & Operating Systems	3
	CIS 124	Computer Operating Systems (Interest Area Course)	3	CITA 171	Operating Systems Use & Administration	3
	MAT 118	Elementary Statistics (Math Course)	3	MATH 141	Statistics (GER 1)	3
	BHS 103	Social Problems in Today's World (Appendix C)	3		GER Elective	3
	ENG 102	Composition II (Appendix G)	3		GER Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
3	CIS 114	Computer Programming in C (Interest Area Course)	3	CITA 180	Introduction to Programming	4
				CITA 215	Database Concepts & Apps	3
	CIS 117	Data Communication Concepts (Interest Area Course)	3	CITA 220	Data Comm & Network Tech	3
				CITA 221	Data Comm & Network Tech Lab	1
	ECO 201 or 202	Micro Economics or Macro Economics (Transfer Course) (Appendix C)	3	ECON 101 -or- ECON 103	Macroeconomics (GER 3) -OR- Microeconomics (GER 3)	3
		American History Elective (Appendix D)	3		GER Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
4	CIS 212	Systems Analysis and Design	3	CITA 204	Systems Analysis and Design*	3
				CITA 250	Information Security	3
		Science Course (Appendix B)	4		GER Elective	3
		General Education Elective (Appendix E, F, H or I)	3		GER Elective	3
		ⱡ Transfer credit option available			GER Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
5	BUS 104	Business Organization and Management (Interest Area Course)	3	BSAD 301	Principles of Management	3
				CITA 300	Management Information Systems	3
				CITA 310	Web Server Administration	3
				SOET 361	Project Management	3
	ACC 101	Principles of Accounting I (ACC/BUS/CIS/ECO course)	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
	CIS 213	Data Management Concepts	3		Program Elective[4]	3
	CIS 111	Computer Systems & Applications	3		Program Elective[4]	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
7				CITA 440	Network Management and Lab	4
		Interest Area Course	3		Program Elective[4]	3
					U/L Program Elective[4]	3
					U/L Liberal Arts/Science Elective	3
	WFE 101	Lifetime Wellness and Fitness	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	65-66		**SUNY Program Credit Total**	123

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

Dutchess County A.S. – Computer Information Systems: Information Management			SUNY Canton B. Tech– Information Technology (2045)		
Course #	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
	General Education Elective (GER 5, 6, 8 or 9)	3		GER Elective	3
Additional Accepted Elective Transfer Credits		**3**		**Total Credits**	**3**

TOTAL Credits Accepted for Transfer (from both tables above): 68-69

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]ENGL 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.

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

Program Contact

Minhua Wang**,** Curriculum Coordinator, Information Technology
SUNY Canton
34 Cornell Drive, NN 105
Canton, New York 13617
(315)379-7691
wangm@canton.edu