

Appendix A: Transfer Course Equivalencies

Effective dates: *March 1, 2017* through *February 28, 2020*

SUNY Broome Community College				SUNY Canton		
A.S. – Engineering Science				B. Tech- Industrial Technology Management (0935)		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1	ENG 110	College Writing I	3	ENGL 101 -or- ENGL 102	Expository Writing (GER 10) -OR- Oral & Written Expression (GER 10)	3
	MAT 281	Calculus III (Course substitution)	4	MATH 123	Pre-Calculus (GER 1)	4
	EGR 150	Engineering Design I with Graphics	2	SOET 116	Introduction to CADD	2
	PHY 181	Physics for Engineers & Scientists I	4	PHYS 121 & PHYS 125	College Physics I & College Physics I Lab (GER 2)	4
	CHM 145	General Chemistry I	3		Program Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
2				ACCT 101 -or- ACCT 104	Foundations of Financial Accounting Or Survey of Accounting	4
	MAT 181	Calculus I	4	MATH 161	Calculus I (GER 1)	4
	PHY 182	Physics for Engineers & Scientists II	4	PHYS 122 & PHYS 126	College Physics II & College Physics II Lab	4
	CST 127	Introduction to C++ for Engineers	3		Program Elective	3
		Engineering Elective	3-4		Program Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
3	ECO 110W or 111	Microeconomics or Macroeconomics (Social Sciences Elective)	3	ECON 101 -or- ECON 103	Macroeconomics (GER 3) -OR- Microeconomics (GER 3)	3
				MATH 141 -or- MECH 251	Statistics (GER 1) -OR- Quality Control	3
	EGR 151	Engineering Design II with Graphics	2		Program Elective	3
	MAT 182	Calculus II	4		Program Elective	3
		† Transfer credit option available			GER Elective (4, 5, 6, 7, 8, 9)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
4				BSAD 201	Business Law I	3
					Program Elective	3
	EGR 287L	Engineering Design III			Program Elective	3
		† Transfer credit option available			GER Elective (4, 5, 6, 7, 8, 9)	3
					GER Elective (4, 5, 6, 7, 8, 9)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
5				BSAD 340	Management Communications*	3
				BSAD 355	Management of Technology	3
				SOET 361	Project Management	3
	EGR 289W	Microprocessors	3		Program Elective	3
	MAT 282	Differential Equations w/Linear Algebra	3		Program Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
6				BSAD 301	Principles of Management	3
				SOET 370	Engineering Economics	3
					Program Elective	3
		† Transfer credit option available			Program Elective	3
		Engineering Elective	3		Program Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
7					U/L Liberal Arts/Science Elective	3
				BSAD 449	Strategic Policies & Issues	3
				SOET 430	Systems Analysis	3
				SOET 377	Engineering Ethics	1
	EGR 150 & EGR 287L	Engineering Design I with Graphics and Engineering Design III	3		Program Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
8					Program Elective	3
					U/L Liberal Arts/Science Elective	3
				SOET 477	Engineering Technology Capstone Project	3
				SOET 348	Engineering Safety	1
					Program Elective	3
				Program Elective	3	
				Business Elective	3	
Accepted Transfer Credit Total			53	SUNY Program Credit Total		123



Appendix A: Transfer Course Equivalencies

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

SUNY Broome A.S. – Engineering Science			SUNY Canton B. Tech– Industrial Technology Management		
Course #	Course Name	Cr	Course #	Course Name	Cr
	Engineering or Social Science Elective (Choose Two)				
	Engineering Elective	3		Program Elective	3
	Gen. Ed. Elective (GER 4, 5, or 6)	3		GER Elective (4, 5, 6, 7, 8, 9)	3
Additional Accepted Elective Transfer Credits		6	Total Credits		6

TOTAL Credits Accepted for Transfer (from both tables above): 59

Program Electives

Any course from the Canino School of Engineering Technology, or the Business Department.

All Program Elective courses presented for graduation must have at least a grade of “C” (or transfer credit).

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

Additional Notes

* Fulfills writing intensive requirement.

L/L = Upper Level Courses (100/200).

U/L = Upper Level Courses (300/400).

GER = General Education Requirement.

Industrial Technology Management students must meet seven of the ten General Education Requirements. Four of the GERs (GER 1, 2, 3, and 10) are met with existing curriculum course requirements. The remaining three GERs must be met by selecting one course each in three of the following six areas: American History (GER 4); Western Civilization (GER 5); Other World Cultures (GER 6); Humanities (GER 7); The Arts (GER 8); Foreign Language (GER 9).

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

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

Program Contact

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APPROVALS

SUNY Broome Community College:



Dr. Francis Battisti
Executive Vice President and Chief Academic
Officer


4-7-17
Date



Kenneth Mansfield
Dean of STEM

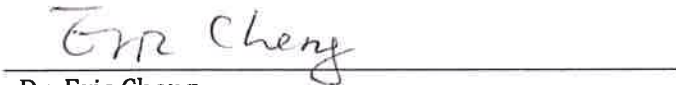
03/27/2017
Date

SUNY Canton:



Michael Newtown
Dean, Canino School of Engineering Technology

02/28/2017
Date



Dr. Eric Cheng
Curriculum Coordinator, Industrial Technology
Management

02/27/2017
Date

