

Appendix A: Transfer Course Equivalencies

Effective dates: August 1, 2017 through July 30, 2020

SUNY Dutchess Community College A.S. – Engineering Science				SUNY Canton B. Tech- Industrial Technology Management (0935)		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1	ENG 101	Composition I	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
	MAT 223	Calculus III	4	MATH__	Math Elective ⁴	4
	PHY 151	Engineering Physics I	4	PHYS__ or CHEM__	Physics or Chemistry Elective ⁵	4
	ENT 131	Technical Drawing	1		Program Elective ¹	3
	CHE 121	General Chemistry I	4		Program Elective ¹	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
2		† Transfer credit option available		ACCT 101 -or- ACCT 104	Foundations of Financial Accounting Or Survey of Accounting	4
	MAT 221	Calculus I	4	MATH__	Math Elective ⁴	4
	PHY 152	Engineering Physics II	4	PHYS__ or CHEM__	Physics or Chemistry Elective ⁵	4
	ENR 101	Introduction to Engineering	2		Program Elective ¹	3
	MAT 222	Calculus II	4		Program Elective ¹	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
3		† Transfer credit option available		ECON 101 -or- ECON 103	Macroeconomics (GER 3) -OR- Microeconomics (GER 3)	3
		† Transfer credit option available		MATH 141 -or- MECH 251	Statistics (GER 1) -OR- Quality Control	3
	ENR 102	Computer Programming for Engineers	3		Program Elective ¹	3
	ENR 208	Engineering Statics	3		Program Elective ¹	3
					GER Elective ² (4, 5, 6, 7, 8, 9)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
4		† Transfer credit option available		BSAD 201	Business Law I	3
	PHY 251	Engineering Physics III	4		Program Elective ¹	3
	MAT 224	Differential Equations	4		Program Elective ¹	3
		American History Elective (Appendix D)	3		GER Elective ² (4, 5, 6, 7, 8, 9)	3
	ENG 102	Composition II (Appendix G)	3		GER Elective ² (4, 5, 6, 7, 8, 9)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
5				BSAD 340	Management Communications*	3
				SOET 361	Project Management	3
		Technical Elective	3-4		Program Elective ¹ (U/L)	3
		Advanced Technical Elective	3-4		Program Elective ¹	3
					Program Elective ¹	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
6				BSAD 301	Principles of Management	3
				SOET 370	Engineering Economics	3
		Advanced Technical Elective	3-4		Program Elective ¹	3
		† Transfer credit option available			Program Elective ¹	3
					U/L Liberal Arts/Science Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
7				BSAD 449	Strategic Policies & Issues	3
				SOET 430	Systems Analysis	3
				SOET 377	Engineering Ethics	1
					Program Elective ¹ (U/L)	3
					Program Elective ¹ (U/L)	3
				U/L Liberal Arts/Science Elective	3	
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
8				SOET 477	Engineering Technology Capstone Project	3
				SOET 348	Engineering Safety	1
					Program Elective ¹ (U/L)	3
					Program Elective ¹ (U/L)	3
					Business Elective ³ (U/L)	3
Accepted Transfer Credit Total			59-62	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:

Dutchess County Community College A.S. – Engineering Science			SUNY Canton B. Tech– Industrial Technology Management		
Course #	Course Name	Cr	Course #	Course Name	Cr
	Suggested Additional Courses:				
ACC 104	Financial Accounting	4	ACCT 101 -or- ACCT 104	Foundations of Financial Accounting Or Survey of Accounting	4
ECO 201 or 202	Micro Economics or Macro Economics	3	ECON 101 -or- ECON 103	Macroeconomics (GER 3) -OR- Microeconomics (GER 3)	3
MAT 118	Elementary Statistics	3	MATH 141 -or- MECH 251	Statistics (GER 1) -OR- Quality Control	3
BUS 215	Business Law I	3	BSAD 201	Business Law I	3
	Business or Engineering Elective	3		Program Elective	3
Additional Accepted Elective Transfer Credits		16	Total Credits		16

TOTAL Credits Accepted for Transfer (from both tables above): 75-78

Additional Notes

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

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

GER = General Education Requirement.

¹All Program Elective courses presented for graduation must have at least a grade of C (or transfer credit). Program electives can be chosen from the Canino School of Engineering Technology or the Business Department.

²Seven of ten SUNY General Education Requirement subject 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. The list of subject areas is: 1) Mathematics; 2) Natural Science; 3) Social Science; 4) American History; 5) Western Civilization; 6) Other World Cultures; 7) Humanities; 8) Arts; 9) Foreign Language; 10) Basic Communication.

³A business elective (U/L) is an elective from Business school upper division courses.

⁴Minimum mathematics requirement is MATH 121 College Algebra or MATH 123 Pre-Calculus Algebra, or equivalent.

⁵Physics or Chemistry Electives can be chosen from PHYS 121 & 125, PHYS 122 & 126, PHYS 131 & 135, PHYS 132 & 136, CHEM 150, CHEM 155, or equivalent.

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

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

Program Contact

Dr. Yu Chin (Eric) Cheng, Curriculum Coordinator
SUNY Canton
34 Cornell Drive, NN 105
Canton, New York 13617
(315) 379-3904
cheng@canton.edu