

Appendix A: Transfer Course Equivalencies

Effective dates: *February 15, 2016* through *February 14, 2019*

Herkimer Community College A.S. - Engineering Science				SUNY Canton B. Tech- Mechanical Engineering Technology (0235)		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1	EN 111	English I - College Writing	3	ENGL 101 -or- ENGL102	Expository Writing (GER 10) -OR- Oral and Written Expression (GER 10)	3
	SC 191	Introduction to Engineering	3	ENGS 101	Introduction to Engineering	2
	MA 247	Calculus III	4	MATH 123	Pre-Calculus Algebra (GER 1)	4
	SC 233	Calculus Physics 1	4	PHYS 121/131 & PHYS 125/135	College/University Physics 1 & Physics Lab I (GER 2)	4
	SC 192	Engineering Science II	4		CAD Elective	2-3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
2	SC 238	Statics	3	CONS 172	Technical Statics	3
	IS 124	Princ of Programming 1	3	ENGS 102	Programming for Engineers	2
	MA 245	Calculus I	4	MATH 161	Calculus I (GER 1)	4
				MECH 128	Electromechanics	3
	SC 234	Calculus Physics II	4	PHYS 122/132 & PHYS 126/136	College/University Physics 11 & Physics Lab II	4
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
3				ELEC 261	Electricity	4
	MA 246	Calculus II	4	MATH 162	Calculus 11	4
				MECH 241 & MECH 242	Fluid Mechanics & Fluid Power Lab	4
	SC 230	Strength of Materials	3	CONS 272	Strength of Materials for Technology	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
4	EN 112	English II - Intro to Lit (GER 7)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)	3
					Program Elective*	3
	SC 153	General Chemistry I	4		Program Elective	3
					Program Elective	3
					Program Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
5				MATH 364	Differential Equations	3
	SC 239	Dynamics	3	MECH 301	Technical Dynamics	3
				MECH 342	Thermodynamics	3
				SOET377	Engineering Ethics	1
		American History Elective (GER 4)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)	3
				U/L Program Elective	3	
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
6				MATH 141	Statistics	3
				MECH 343	Heat Transfer	3
				SOET348	Engineering Safety	1
					U/L Program Elective	3
					U/L Program Elective	3
	Arts Selective (GER 8)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)	3	
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
7				MECH 341	Intermediate Fluid Mechanics	3
				SOET361	Project Management	3
					U/L Program Elective	3
					U/L Program Elective	3
		Humanities Selective (GER 7, 8, 9)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)*	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
8				MECH 477	Capstone Project	3
				SOET370	Engineering Economics	3
					U/L Program Elective**	3
		Social Science Selective (GER 3,4, 5, 6)	3		U/L Program Elective**	3
				GER Elective (3, 4, 5, 6, 7, 8, 9)	3	
Accepted Transfer Credit Total			61	SUNY Program Credit Total		126

Transfer credit option available

Appendix A: Transfer Course Equivalencies

Transfer credits for Herkimer Community College program requirements will be accepted as follows, however do not serve to fulfill requirements of SUNY Canton's Mechanical Engineering Technology, B.Tech program:

Herkimer Community College A.S. - Engineering Science			SUNY Canton		
Course #	Course Name	Cr	Course #	Course Name	Cr
SC 155	Biological Science I	4	BIOL 101	Introduction to Biology	3

Additional Notes

* Fulfills writing intensive requirement U/L = Upper Level Courses (300/400)

GER = General Education Requirement

NOTE: Mechanical Engineering Technology students must meet seven often General Education Requirements, 45 upper level credits. Student Learning Outcomes can be found at www.canton.edu/csoet/mech/.

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

Program Contact

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