

Appendix A: Transfer Course Equivalencies

Effective dates: *December 1, 2019* through *November 30, 2022*

	Rockland Community College A.A. – Liberal Arts and Sciences: Mathematics and Science – Math Track			SUNY Canton B. Tech– Mechanical Engineering Technology (0235)		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1	ENG 101 & SPE 101	College Writing I (GER 10) and Fundamentals of Speech	6	ENGL 101	Composition and the Spoken Word (GER 10)	3
		† Transfer credit option available		ENGS 101	Introduction to Engineering	2
	MAT 135	Pre-Calculus (Pre-requisite) (Elective)	4	MATH 123	Pre-Calculus (GER 1)	4
	PHY 105	Engineering Physics I (Natural Science Gen. Ed. w/Lab)	4	PHYS 121/131 & PHYS 125/135	College/University Physics I & Physics Lab I (GER 2)	4
				MECH 121	Manufacturing Process I	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
2					CAD Elective	2-3
		† Transfer credit option available		CONS 172	Technical Statics	3
	MAT 203	Calculus I	4	MATH 161	Calculus I (GER 1)	4
				MECH 128	Electromechanics	3
	PHY 106	Engineering Physics II (Science Elective w/Lab)	4	PHYS 122/132 & PHYS 126/136	College/University Physics II & Physics Lab II	4
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
3		† Transfer credit option available		ELEC 261	Electricity	4
		† Transfer credit option available		ENGS 102	Programming for Engineers	
	MAT 204	Calculus II	4	MATH 162	Calculus II	4
				MECH 241 & MECH 242	Fluid Mechanics & Fluid Power Lab	4
		† Transfer credit option available		CONS 272	Strength of Materials for Technology	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
4				MECH 220	Engineering Materials	3
				MECH 232	Machine Design	3
	MAT 205	Calculus III	4		Program Elective	3
					Program Elective	3
		Social Science General Education Elective (GER 3)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
5	MAT 206	Differential Equations	4	MATH 364	Differential Equations	3
		† Transfer credit option available		MECH 301	Technical Dynamics	3
				MECH 342	Thermodynamics	3
				SOET 377	Engineering Ethics	1
		General Education Elective (GER 4, 5, or 9)	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
					U/L Program Elective	3
					U/L Program Elective	3
		General Education Elective (GER 6 or 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
				MECH 377	Capstone Research and Proposal	1
				SOET 361	Project Management	3
					U/L Program Elective	3
					U/L Program Elective	3
	ENG 102	College Writing II (GER 7)	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
				SOET 370	Engineering Economics	3
					U/L Program Elective**	3
					U/L Program Elective**	3
	Accepted Transfer Credit Total		46	SUNY Program Credit Total		126

Appendix A: Transfer Course Equivalencies

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

Rockland Community College			SUNY Canton		
A.A. – Liberal Arts and Sciences: Mathematics and Science – Math			B. Tech– Mechanical Engineering Technology (2250)		
Course #	Course Name	Cr	Course #	Course Name	Cr
	<i>Electives: Choose Three</i>				
ENR 105	Introduction to Engineering	3	ENGS 101	Introduction to Engineering	2
ENR 203	Engineering Statics	3	CONS 172	Technical Statics	3
CSP 141	Intro to Programming In C++	4	ENGS 102	Programming for Engineers	2
ENR 206	Electric Circuits	4	ELEC 261	Electricity	4
ENR 210	Strength and Materials	3	CONS 272	Strength of Materials for Technology	3
ENR 204	Engineering Dynamics (L/L course credit only)	3	MECH 301	Technical Dynamics	3
Additional Accepted Elective Transfer Credits		9-11	Total Credits		7-10

TOTAL Credits Accepted for Transfer (from both tables above): 55-57

Transfer credits for Rockland 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:

Rockland Community College			SUNY Canton		
Course #	Course Name	Cr	Course #	Course Name	Cr
MCS 101	Introduction to Multicultural Studies (GER 3)	3		General Education Elective (GER 3)	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 of ten 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 Arts– Liberal Arts and Sciences: Math and Science - Math program at Rockland Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton **assures acceptance for Rockland Community College students who have a cumulative GPA of 3.0 or better**. Students are encouraged to apply during their last semester at Rockland Community College.

Program Contact

Dr. Lucas Craig, Curriculum Coordinator, Mechanical Engineering Technology
SUNY Canton
34 Cornell Drive, NN 105
Canton, New York 13617
(315)386-7384
craigl@canton.edu

APPROVALS

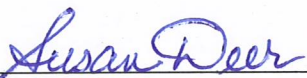
Rockland Community College:



Dr. Michael A. Baston
President

1/6/2020

Date

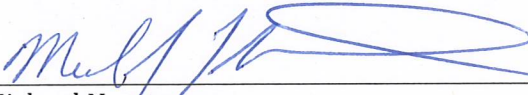


Dr. Susan Deer
Provost and Vice President of Academic Affairs and Student Services

1/6/20

Date

SUNY Canton:



Michael Newtown
Dean, Canino School of Engineering
Technology

12/6/19

Date



Dr. Lucas Craig
Curriculum Coordinator, Mechanical
Engineering Technology

12/6/19

Date



**Master Articulation Agreement Between
State University of New York (SUNY) Canton
and
Rockland Community College**

Effective date: November 1, 2014

This articulation agreement is intended to facilitate the transfer of graduates from **Rockland Community College** to SUNY Canton. The objectives, terms and conditions of this agreement are set forth as follows:

OBJECTIVES

1. To attract qualified students to Rockland Community College and SUNY Canton.
2. To facilitate upward educational and career mobility by increasing accessibility to baccalaureate education for qualified individuals.
3. To provide students with advisement in academic and career planning throughout their program of study.
4. To reduce unnecessary repetition of general education and curricular content by providing seamless articulation opportunities.
5. To facilitate communication and academic coordination between faculty, students, and administrators at each institution.

ELIGIBILITY/ADMISSION REQUIREMENTS

1. Students must complete the admission process at SUNY Canton.
2. Students must meet the academic requirements listed in the "*Terms of Agreement*".

TERMS OF AGREEMENT

Students who have completed an Associates program at Herkimer County Community College will be accepted into a baccalaureate program at SUNY Canton.

STUDENT ELIGIBILITY: Graduates of Herkimer County Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton **assures acceptance for Herkimer County Community College students who have a cumulative GPA of 2.5 or better**.¹ Students are encouraged to apply during their last semester at Herkimer County Community College.

TRANSFER CREDIT: A grade of C or better must be earned for each transfer credit of courses applicable to the Bachelor's Degree. (See *Appendix A* for list of specific college level courses.)

DEGREE REQUIREMENTS: SUNY Canton requires that **120 or more¹ credits** be completed in order to earn a Bachelor's Degree. To be eligible for graduation with a Bachelor's Degree, a minimum of **30** credits must be taken in residence at SUNY Canton. **15** credits must be taken in the major, or acceptable cognates as determined by the department at SUNY Canton. Students will be required to matriculate in accordance with the guidelines as specified in the policies of the academic catalog.

¹ Exceptions may apply. Program-specific requirements are stated on the individual program's current course equivalency chart on file.



2+2 Program Articulations: The following SUNY Canton programs accept a corresponding Associate's degree as the first two years of the baccalaureate program. Specific requirements apply. Students are encouraged to apply during their last semester at Rockland Community College.

Nursing (Online program)

- Students must be able to provide proof of US Citizenship, legal residence or valid work visa.
- Proof of licensure as a Registered Nurse (RN). This must be submitted to the SUNY Canton Nursing Curriculum Coordinator by October 1 (for fall semester enrollment) or March 1 (for spring semester enrollment). Students who do not submit proof of licensure by the above listed date will be moved to non-matriculated status and withdrawn from the program at the end of the semester. (Students may reapply to the program once they supply proof of Registered Nurse License.)

IMPLEMENTATION: Students transferring under this agreement into SUNY Canton will, whenever possible, be provided with a projected outline of their individual requirements for the Bachelor's Degree.

LOCATION: SUNY Canton reserves the right to use classroom space at alternative locations and to offer all, or part, of this degree program online.

FINANCIAL AID: A student accepted into SUNY Canton under this agreement is eligible to participate in all financial aid, grants, and scholarship programs customarily open to transfer students.

PROGRAM CHANGES: If either SUNY Canton or Rockland Community College makes changes to their respective program(s), those changes will be communicated to the other college for review of the respective course equivalency chart.

SUNY Canton Contact Information:

Office of the Provost/VP of Academic Affairs
Erin Voisin, Special Projects Coordinator to the Provost
34 Cornell Drive
Canton, NY 13617
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Rockland Community College Contact Information:


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www.sunyrockland.edu



APPROVALS

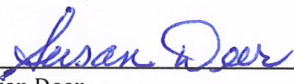
We, the undersigned, agree to the above conditions established for the articulation agreement between *Rockland Community College* and *SUNY Canton*.

Representatives of Rockland Community College:



Dr. Cliff L. Wood
President

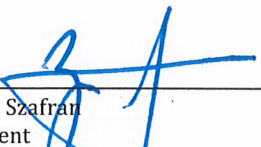
11-4-14
Date



Dr. Susan Deer
Provost and Vice President of Academic Affairs and Student Services

11/3/14
Date

Representatives of SUNY Canton:



Dr. Zvi Szafran
President

10-21-14
Date



Karen Spellacy
Interim Provost/VP of Academic Affairs

10-21-14
Date