	Rockland Community College A.A.- Liberal Arts and Science: Mathematics and Science – Math Track			SUNY Canton B.E.T.– Electrical Engineering Technology		
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
				ELEC 161	Electronic Fabrications	2
1	ENG 101 & SPE 101	College Writing I and Fundamentals of Speech (GER 10)	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
	MAT 135	Pre-Calculus (Calc. I Pre-requisite) (Elective)	4	MATH 123	Pre-Calculus (GER 1)	4
	CAD 105	Introduction to AutoCAD (Elective)	4	SOET 116	Introduction to CAD & Design	2
	ENR 206	Electric Circuits (Elective)	4	ELEC 101 & ELEC 109	Electric Circuits I & Electric Circuits 1 Laboratory	4
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
2	CPS 141	Intro to Programming in C++ (Elective)	4	ENGS 102	Programming for Engineers	2
				ELEC 102 & ELEC 129	Electric Circuits II & Electric Circuits II Laboratory	4
	MAT 203	Calculus I	4	MATH 161	Calculus I (GER 1)	4
				ELEC 165 & ELEC 166	Digital Fundamentals & Systems & Digital Systems Lab	4
	ENG 102	College Writing II (GER 7)	3		English Literature (GER 7)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
3	PHY 105	Engineering Physics I (Natural Science Gen Ed w/Lab)	4	PHYS 121/131 & PHYS 125/135	College/University Physics I & Lab	4
				ELEC 141	Industrial Controls	2
				ELEC 213	Microprocessors	3
				ELEC 231	Electronic Circuits	4
		Social Science Gen. Ed. (GER 3)	3		GER Elective (3, 4, 5, 6, 8, 9)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
4				ELEC 243	Computer Automated Control Systems	2
				ELEC 215	Electrical Energy Conservation	4
				ELEC 225	Telecommunications	3
	PHY 106	Engineering Physics II (Science Elective w/Lab)	4	PHYS 122/132 & PHYS 126/136	College/University Physics II & Lab	4
	MAT 204	Calculus II	4	MATH 162	Calculus II	4
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
5				ELEC 332	Industrial Electronics	3
				ELEC 343	Advanced Circuit Analysis	3
				SOET 377	Engineering Ethics	1
	MAT 205	Calculus III	4	MAT 263	Calculus III	4
				MATH 141	Statistics (I)	3
		General Ed. Elective (GER 4, 5, or 9)	3		GER Elective (3, 4, 5, 6, 8, 9)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
6				ELEC 380	LAN/WAN Technology	3
				ELEC 383	Power Transmission and Distribution	3
				ELEC 385	Electronic Communications I	3
				SOET 348	Engineering Safety	1
	MAT 206	Differential Equations	4	MATH 364	Differential Equations	3
		General Ed. Elective (GER 6 or 8)	3		GER Elective (3, 4, 5, 6, 8, 9)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
7				ELEC 386	Electronic Communications II	3
				ELEC 416	Microelectronics Circuit Design	3
				SOET 361	Project Management	3
					Program Elective	3
	MCS 101	Introduction to Multicultural Studies (GER 3)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
8				ELEC 477	Capstone Project*	3
				ELEC 436 Or ELEC 488	Biomedical Electronics Or Electrical Power Systems	3
				SOET 370	Engineering Economics	3
					Program Elective	3
					Program Elective	3

	Accepted Transfer Credit Total	58		SUNY Program Credit Total	125

Additional Notes

* Fulfills writing intensive requirement

UL = Upper Level Courses (300/400)

GER = General Education Requirement

Program Electives: Must be from approved list of program electives for the Electrical Engineering Technology program or permission of program coordinator.

NOTE: Electrical 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/elec/.

This program is accredited by the Engineering Technology Accreditation Commission ETAC of (ABET)
ABET, 415 North Charles Street, Baltimore, MD 21201 - Phone +1.410.347.7700: **http://www.abet.org**

STUDENT ELIGIBILITY: Graduates of Associate of Arts– Liberal Arts and Science: Mathematics and Science – Math Track 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. Stephen Frempong, Curriculum Coordinator, Electrical Engineering Technology
SUNY Canton
34 Cornell Drive, NN 105
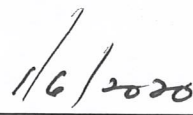Canton, New York 13617
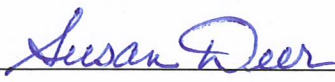(315)386-7211
frempongs@canton.edu
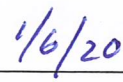
APPROVALS

Rockland Community College:

_____   1/6/2020
Dr. Michael A. Baston   Date
President

_____   1/6/20
Dr. Susan Deer   Date
Provost and Vice President of Academic Affairs and Student Services
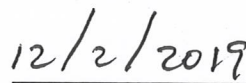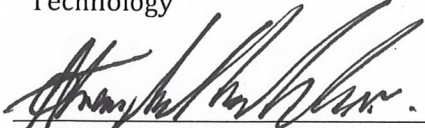
SUNY Canton:
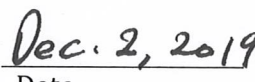
_____   12/2/2019
Michael Newtown   Date
Dean, Canino School of Engineering
Technology

_____   Dec. 2, 2019
Dr. Stephen Frempong   Date
Curriculum Coordinator, Electrical
Engineering Technology

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 more[1] 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.

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[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
p 315.386.7838
f 315.386.7945
articulations@canton.edu
www.canton.edu

Rockland Community College Contact Information:

Patricia Kobes, Assistant to the VP for Academic Affairs
145 College Road
Suffern, NY 10901
p 845.574.4765
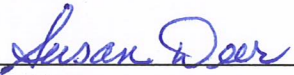pkobes@sunyrockland.edu
www.sunyrockland.edu

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:

_____   11-4-14
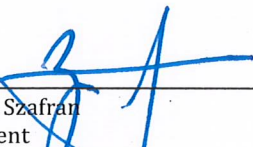
Dr. Cliff L. Wood   Date
President

_____   4/3/14

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

Representatives of SUNY Canton:

_____   10-21-14

Dr. Zvi Szafran   Date
President

_____   10-21-14

Karen Spellacy   Date
Interim Provost/VP of Academic Affairs