

Appendix A: Transfer Course Equivalencies

Effective dates: April 1, 2019 through March 31, 2022

Corning Community College A.A.S. – Electrical Technology - Electronics				SUNY Canton B.E.T.- Electrical Engineering Technology		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1				ELEC 161	Electronic Fabrication	2
	ENGL 1010	College Composition I (GER 10)	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
	MATH 1413	Pre-Calculus Mathematics (Substitution for 1230 or higher)	4	MATH 123	Pre-Calculus (GER 1)	4
	MECH 1050	Engineering Graphics	3	SOET 116	Introduction to CAD & Design	2
	ELEC 1010	Electricity	4	ELEC 101 & ELEC 109	Electric Circuits I & Electric Circuits 1 Laboratory	4
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
2				ENGS 102	Programming for Engineers	2
				ELEC 102 & ELEC 129	Electric Circuits II & Electric Circuits II Laboratory	4
	MATH 1610	Calculus I (Substitution for 1240 or higher)	4	MATH 161	Calculus I (GER 1)	4
	ELEC 1510	Digital Electronics	4	ELEC 165 & ELEC 166	Digital Fundamentals & Systems & Digital Systems Lab	4
	ENGL 1020	College Composition II (GER 7)	3		English Literature (GER 7)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
3				PHYS 121/131 & PHYS 125/135	College/University Physics I & Lab	4
	ELEC 2020	Industrial Electronics	4	ELEC 141	Industrial Controls	2
	ELEC 2030	Microprocessors	4	ELEC 213	Microprocessors	3
	ELEC 1500	Solid State Electronics	4	ELEC 231	Electronic Circuits	4
		Social Sciences Elective (GER 3, 4, 5, 6)	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
				PHYS 122/132 & PHYS 126/136	College/University Physics II & Lab	4
				MATH 162	Calculus II	4
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
5	ELEC 2010	Linear Electronics (L/L course credit only)	4	ELEC 332	Industrial Electronics	3
				ELEC 343	Advanced Circuit Analysis	3
				SOET 377	Engineering Ethics*	1
				MAT 263	Calculus III	4
				MATH 141	Statistics (I)	3
		Social Sciences or Humanities Elective (GER 3, 4, 5, 6, 8, 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 2060	Electronic Communications (L/L course credit only)	4	ELEC 385	Electronic Communications I	3
				SOET 348	Engineering Safety	1
				MATH 364	Differential Equations	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
	TECH 1030 & 1080	Manufacturing Methods & Lab	4		Program Elective	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
	ELEC 2070	Industrial Data Acquisition	4		Program Elective	3

Appendix A: Transfer Course Equivalencies

				Program Elective	3
	Accepted Transfer Credit Total	59		SUNY Program Credit Total	125

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

Corning Community College			SUNY Canton		
Course #	Course Name	Cr	Course #	Course Name	Cr
PHYS 1010	Elementary Physics	4	PHYS 115	Basic Physics	4
ELEC 2000	Electronic Construction	1	ELEC 299	L/L Electrical Elective	1
ELEC 2050	Senior Project	2	ELEC 299	L/L Electrical Elective	2

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 Applied Science- Electrical Technology- Electronics program at Corning Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale.**

SUNY Canton assures acceptance for Corning Community College students who have **a cumulative GPA of 3.0 or better.** Students are encouraged to apply during their last semester at Corning Community College.

Program Contact

Dr. Stephen Frempong, Curriculum Coordinator, Electrical Engineering Technology

SUNY Canton

34 Cornell Drive, NN 105

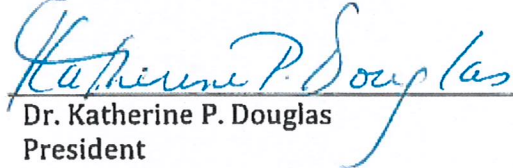
Canton, New York 13617

(315)386-7211

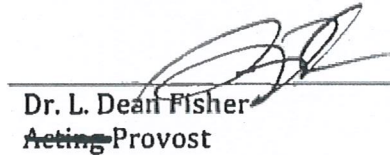
frempongs@canton.edu

APPROVALS

Corning Community College:

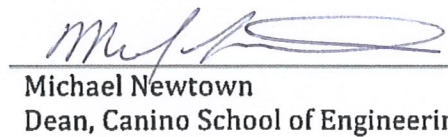

Dr. Katherine P. Douglas
President

4-8-19
Date

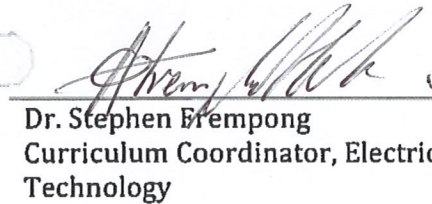

Dr. L. Dean Fisher
~~Acting~~ Provost

4-7-2019
Date

SUNY Canton:


Michael Newtown
Dean, Canino School of Engineering Technology

4/22/19
Date


Dr. Stephen Brempong
Curriculum Coordinator, Electrical Engineering
Technology

April 19, 2019
Date



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

Effective date: April 1, 2015

This articulation agreement is intended to facilitate the transfer of graduates from **Corning 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 Corning 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 Corning Community College will be accepted into a baccalaureate program at SUNY Canton.

STUDENT ELIGIBILITY: Graduates of Corning Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton **assures acceptance for Corning Community College students who have a cumulative GPA of 2.5 or better**.¹ Students are encouraged to apply during their last semester at Corning 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. Students will enter with junior status and take third and fourth year courses to complete the baccalaureate program. (See program descriptions.) Specific requirements apply. Students are encouraged to apply during their last semester at Corning 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 Corning 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
Special Projects Coordinator to the Provost
Erin Voisin
34 Cornell Drive
Canton, NY 13617
p 315.386.7838
f 315.386.7945
voisine@canton.edu
www.canton.edu

Corning Community College Contact Information:

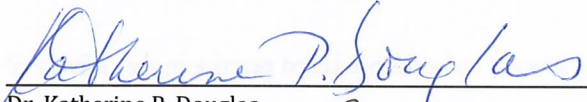
Director, Academic Outreach
Kimberly Perkins
1 Academic Drive
Corning, NY 14830
p 607-962-9533
kperkin7@corning-cc.edu
www.corning-cc.edu



APPROVALS

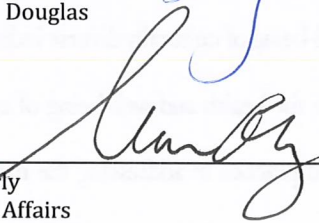
We, the undersigned, agree to the above conditions established for the articulation agreement between *Corning Community College* and *SUNY Canton*.

Representatives of Corning Community College:



Dr. Katherine P. Douglas
President

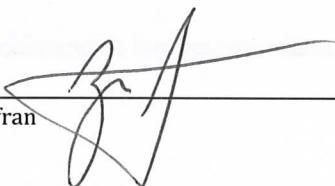
10-26-15
Date



Dr. Marian Eberly
VP of Academic Affairs

10/26/15
Date

Representatives of SUNY Canton:



Dr. Zvi Szafran
President

4-3-15
Date



Karen Spellacy
Interim Provost/VP of Academic Affairs

4/1/15
Date

Nursing—BS

The SUNY Canton RN-BS Nursing program is based upon the beliefs that:

- Communities are comprised of unique, holistic individuals and aggregates who have values and beliefs that originate from their life-world, who have specific needs and are capable of making decisions by themselves, with others, and/or by proxy.
- Health and well-being are dynamic lived experiences uniquely defined by the individual and community within the context of culture and environment.
- Nursing is a unique profession that provides a service to society that is culturally sensitive, evidence-based, collaborative, and individualized. Utilizing the nursing process, the nurse facilitates transformation within individuals, groups, and communities to attain desired outcomes.

STUDENTS IN THIS MAJOR:

- Demonstrate critical thinking and decision making that utilizes the nursing process and evidence-based practice in the delivery of care to culturally diverse individuals, families, groups, and community.
- Synthesize knowledge from the liberal arts and nursing to promote the health and well-being of culturally diverse individuals, families, groups, and communities.
- Integrate legal and ethical concepts with the leadership role to advance and promote the health and well-being of culturally diverse individuals, families, groups, and communities.
- Utilize nursing theory/conceptual frameworks, nursing research, and evidence-based practice in addressing the nursing care needs of culturally diverse individuals, families, groups and communities.
- Incorporate leadership theory to the nurse manage role in the collaboration, coordination, and provision of nursing care in health care settings.
- Apply knowledge from nursing, humanities, biological, and social sciences to plan, implement, and evaluate care for sick and well individuals, families, groups, and communities.
- Participate as nurse leaders on interdisciplinary care teams to influence positive social change and health care policy.
- Plan and implement educational activities that empower individuals, families, group, and communities to manage their health care at the local, national, and global level.
- Collaborate with health care colleagues to promote holistic health care for individuals, families, groups, and communities.

CAREER OPPORTUNITIES:

- Public and Community Health
- Armed Services and Veterans Administration
- Entry level nursing management
- Acute, long-term, and specialty nursing units

ACCREDITATIONS:

- Registered by the NYS Education Department, Office of the Professions.
- Accreditation Commission for Education in Nursing candidacy status.

ADMISSION REQUIREMENTS:

Admission requirements can be found online at: http://www.canton.edu/sci_health/nurs/description.html

PROGRAM REQUIREMENTS:

(Curriculum 0291)

Semester V

NURS 300 Conceptual Frameworks in Nursing...3

NURS 303 Health Assessment in Nursing...4

MATH 111 Survey of Math OR

Liberal Arts Elective* ...3

Liberal Arts Elective *...3

U/L Liberal Arts Elective...3