

# Appendix A: Transfer Course Equivalencies

Effective dates: February 1, 2020 through January 31, 2023

	Fulton-Montgomery Community College A.A.S. – Electrical Technology			SUNY Canton B.E.T.– Electrical Engineering Technology		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1				ELEC 161	Electronic Fabrications	2
	ENG 103	English I	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
	MAT 140	Pre-Calculus (Math Elective)	4	MATH 123	Pre-Calculus (GER 1)	4
	CAD 174	Computer Aided Drafting	3	SOET 116	Introduction to CAD & Design	2
	ELT 125	Electric Circuit Analysis I	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
	ELT 126	Electric Circuit Analysis II	3	ELEC 102 & ELEC 129	Electric Circuits II & Electric Circuits II Laboratory	4
	MAT 170	Calculus I (Math Elective)	4	MATH 161	Calculus I (GER 1)	4
	ELT 132	Digital Electronics	4	ELEC 165 & ELEC 166	Digital Fundamentals & Systems & Digital Systems Lab	4
					English Literature (GER 7)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
3	PHY 151 or 171	General Physics I or Analytical Physics I	4	PHYS 121/131 & PHYS 125/135	College/University Physics I & Lab	4
	ELT 131	Industrial Automation and Robotics I	3	ELEC 141	Industrial Controls	2
	ELT 236	Microcontroller Fundamentals	4	ELEC 213	Microprocessors	3
	ELT 229	Electronics I	4	ELEC 231	Electronic Circuits	4
		Liberal Arts Elective (GER 3,4,5,6,7,8,9)	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
	ELT 234	Telecommunications	3	ELEC 225	Telecommunications	3
	PHY 152 or 172	General Physics II or Analytical Physics II	4	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	ELT 230	Electronics II	3	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
				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
				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
	ELT 231	Industrial Automation and Robotics II	3		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
	ELT 232	Nanotechnology and Integrated Circuits	3		Program Elective	3
					Program Elective	3
	Accepted Transfer Credit Total		59	SUNY Program Credit Total		125

## Appendix A: Transfer Course Equivalencies

Transfer credits for Fulton-Montgomery 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:

<u>Fulton-Montgomery Community College</u>			<u>SUNY Canton</u>		
Course #	Course Name	Cr	Course #	Course Name	Cr
ENG 104	English II (GER 10)	3		General Education Elective (GER 10)	3
CIS 105	Computer Applications	3	CITA 110	Introduction to Information Technology	3

### 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/](http://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 program at Fulton-Montgomery Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton assures acceptance for Fulton-Montgomery Community College students who have a **cumulative GPA of 3.0 or better**. Students are encouraged to apply during their last semester at Fulton-Montgomery Community College.

### Program Contact

Dr. Stephen Frempong, Curriculum Coordinator, Electrical Engineering Technology

SUNY Canton

34 Cornell Drive, NN 105

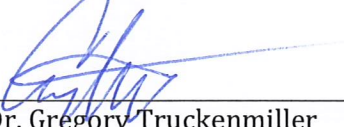
Canton, New York 13617

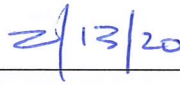
(315)386-7211


[frempongs@canton.edu](mailto:frempongs@canton.edu)

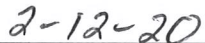
## APPROVALS

### Fulton-Montgomery Community College:


  
\_\_\_\_\_  
Dr. Gregory Truckenmiller  
Acting President

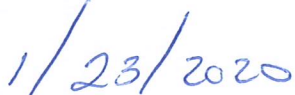
  
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Diana Putnam  
Acting Provost and VP for Academic Affairs

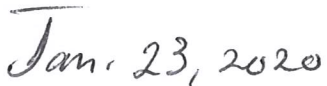
  
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### SUNY Canton:

  
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Michael Newtown  
Dean, Canino School of Engineering  
Technology

  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Dr. Stephen Frempong  
Curriculum Coordinator, Electrical  
Engineering Technology

  
\_\_\_\_\_  
Date



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

**Effective date: November 1, 2014**

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

**STUDENT ELIGIBILITY:** Graduates of Fulton-Montgomery Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton assures acceptance for **Fulton-Montgomery Community College students who have a cumulative GPA of 2.5 or better**.<sup>1</sup> Students are encouraged to apply during their last semester at Fulton-Montgomery 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**<sup>1</sup> 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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<sup>1</sup> 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 Fulton-Montgomery 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 Fulton-Montgomery 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](mailto:voisine@canton.edu)  
[www.canton.edu](http://www.canton.edu)

**Fulton-Montgomery Community College Contact Information:**

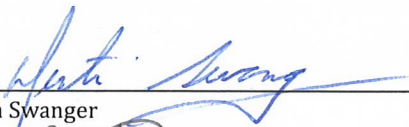
Mrs. Andrea Scribner  
Education and Career Planning Specialist  
2805 State Hwy 67  
Johnstown, NY 12095  
p 518-736-3622 x8161  
f 518-762-7835  
Email: [andrea.scribner@fmcc.edu](mailto:andrea.scribner@fmcc.edu)  
Website: [www.fmcc.edu](http://www.fmcc.edu)




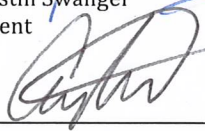
## APPROVALS

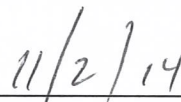
We, the undersigned, agree to the above conditions established for the articulation agreement between *Fulton-Montgomery Community College* and *SUNY Canton*.

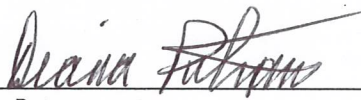
### Representatives of Fulton-Montgomery Community College:

  
\_\_\_\_\_  
Dr. Dustin Swanger  
President

  
\_\_\_\_\_  
Date

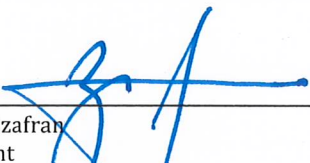
  
\_\_\_\_\_  
Dr. Gregory Truckenmiller  
Provost and Vice President for Academic Affairs

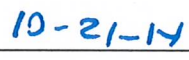
  
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Date

  
\_\_\_\_\_  
Diana Putnam  
Dean of Academic Affairs

  
\_\_\_\_\_  
Date

### Representatives of SUNY Canton:

  
\_\_\_\_\_  
Dr. Zvi Szafran  
President

  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Karen Spellacy  
Interim Provost/VP of Academic Affairs

  
\_\_\_\_\_  
Date