

Appendix A: Transfer Course Equivalencies

Effective dates: *December 1, 2016* through *November 30, 2019*

Mohawk Valley Community College A.A.S. – Electrical Engineering Technology				SUNY Canton B.Tech.– Electrical Engineering Technology		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1	ET 153	Introduction to Electronics	2	ENGS 101	Introduction to Engineering	2
	EN 101	English I: Composition (GER 10)	3	ENGL 101	Expository Writing (GER 10)	3
	MA 121 & 122	Fundamentals of College Mathematics I & II	8	MATH 123	Pre-Calculus (GER 1)	4
	ET 284	Design & Layout	3	SOET 116	Introduction to CAD & Design	2
	ET 151	Circuits I	4	ELEC 101 & ELEC 109	Electric Circuits I & Electric Circuits 1 Laboratory	4
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
2	ET 154	Computer Programming	2	ENGS 102	Programming for Engineers	2
	ET 152	Circuits 2	4	ELEC 102 & ELEC 129	Electric Circuits II & Electric Circuits II Laboratory	4
	ET 181	Digital Electronics I	3	MATH 161	Calculus I (GER 1)	4
3	PH 151	General Physics I (GER 2)	4	ELEC 165 & ELEC 166	Digital Fundamentals & Systems & Digital Systems Lab	4
				PHYS 121/131 & PHYS 125/135	College/University Physics I & Lab	4
	ET 283	Microprocessor Fundamentals	4	ELEC 141	Industrial Controls	2
	ET 161	Linear Electronics	3	ELEC 213	Microprocessors	3
		Social Science Elective (GER 3, 4)	3	ELEC 231	Electronic Circuits	4
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
4					GER Elective (3, 4, 5, 6, 8, 9)	3
	ET 285	Motors & Controls	4	ELEC 243	Automated Control Systems	2
	ET 274	Telecommunications Concepts	4	ELEC 215	Electrical Energy Conservation	4
				ELEC 225	Telecommunications	3
5				PHYS 122/132 & PHYS 126/136	College/University Physics II & Lab	4
	ET 262	Operational Amplifiers	4	MATH 162	Calculus II	4
				ELEC 332	Industrial Power Electronics	3
				ELEC 343	Advanced Circuit Analysis	3
	EN 102	English 2: Ideas and Value in Literature (GER 7)	3	SOET 377	Engineering Ethics	1
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
6				MATH 364	Differential Equations	4
				MATH 141	Statistics (I)	3
					GER Elective (3, 4, 5, 6, 8, 9)	3
				ELEC 380	LAN/WAN Technology	3
				ELEC 383	Power Transmission and Distribution	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
7				ELEC 385	Electronic Communications I	3
				SOET 348	Engineering Safety	1
					Program Elective	3
	ET__	Program Elective	3-4		GER Elective (3, 4, 5, 6, 8, 9)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
8				ELEC 386	Electronic Communications II	3
				ELEC 416	Microelectronics Circuit Design	3
				SOET 361	Project Management	3
					Program Elective	3
					GER Elective (3, 4, 5, 6, 8, 9)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
8				ELEC 477	Capstone Project*	3
				ELEC 436	Biomedical Electronics	3
				Or ELEC 488	Or Electrical Power Systems	3
				SOET 370	Engineering Project Analysis	3
				Program Elective	3	
				Program Elective	3	
Accepted Transfer Credit Total			61-62	SUNY Program Credit Total		128



Appendix A: Transfer Course Equivalencies

Transfer credits for Mohawk Valley 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:

Mohawk Valley Community College A.A.S. - Electrical Engineering/Technology			SUNY Canton		
Course #	Course Name	Cr	Course #	Course Name	Cr
ED 100	College Seminar	1	FYEP 101	First Year Experience	1
Additional Accepted Elective Transfer Credits			Total Credits		

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 Engineering Technology program at Mohawk Valley Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton assures acceptance for Mohawk Valley Community College students who have a **cumulative GPA of 3.0 or better**. Students are encouraged to apply during their last semester at Mohawk Valley Community College.

Program Contact

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APPROVALS

Mohawk Valley Community College:



Timothy Thomas
Associate Dean for Physical Sciences, Engineering
and Applied Technology

1/10/17

Date

SUNY Canton:



Michael Newtown
Dean, Canino School of Engineering Technology

12/5/16

Date



Dr. Stephen Frempong
Curriculum Coordinator, Electrical Engineering
Technology

12/5/2016

Date

