

Mohawk Valley Community College Electrical Engineering Technology					SUNY Polytechnic Institute Electrical Engineering Technology				
Course #	Course Title	SUNY Gen Ed		Credits Granted	Course #	Equivalent Course Title	Common Core		Credits Accepted
CF 100	College Foundation Seminar			1	FYS 101	First Year Seminar			1
EN101	English 1: Composition	X		3	ENG 101	English Composition	X		3
ET151	Circuits 1			4	ETC 101	Electrical Theory & Design			4
ET153	Introduction to Electronics			2	ETC 103	Electronics I			2
ET154	Computer Programming			2	CS 108	Computing Fundamentals			2
MA121	Fundamentals of College Mathematics 1	X		4	MAT 111	College Mathematics	X		4
	Physical Education			5	REC 000	Recreation Elective (open unrestricted elective)			5
EN102	English 2: Ideas & Values in Literature	X		3	ENG 110	Intro to Literature (Gen Ed1)	X		3
ET152	Circuits 2			4	ETC 102	Electric Circuits			4
ET161	Linear Electronics			3	ETC 000	Electrical Tech Elective			3
ET181	Digital Electronics 1			3	ETC 210	Digital Systems I			3
MA122	Fundamentals of College Mathematics 2	X		4	MAT 120	Pre-Calculus	X		4
	Physical Education			5	REC 000	Recreation Elective (open unrestricted elective)			5
ET262	Operational Amplifiers			4	ETC 104	Operational Amps-Linear Electr			4
ET 282	Digital Electronics II			3	ETC 000	Electrical Tech Elective			3
	Social Science Restricted Elective (See "A" below)	X		3	SOS 001	Social Science Gen Ed (Gen Ed 2)	X		3
ET283	Microprocessor Fundamentals			4	ETC 342	Micropro/Embed Sys Prog/Design			4
	Physical Education			5	REC 000	Recreation Elective (open unrestricted elective)			5
ET274	Telecommunications Concepts			4	ETC 000	Electrical Tech Elective			4
ET284	Design & Layout			3	ETC 000	Electrical Tech Elective			3
ET285	Motors & Controls			4	ETC 000	Electrical Tech Elective			4
PH151	General Physics 1	X		4	PHY 101	General Physics I	X		4
	Physical Education			5	REC 000	Recreation Elective (open unrestricted elective)			5
					Fall Year Three				
						Gen Ed 3	X		4
						MAT 121			4
						PHY 102			4
						ETC 316/ETC 331			4
					Spring Year Three				
						MAT 122			4
						COM 200			4
						ETC 4xx			4
						Gen Ed 4	X		4
					Fall Year Four				
						MAT 230			4
						COM 306			4
						ETC 299			2
						ETC 3xx			4
						Open electives 2 cr			2
					Spring Year Four				
						ETC 4xx			4
						ETC Capstone			4
						Remaining of the 30 cr Gen ED (3 cr.)			3
						Remaining of the 60 cr L.A. (2cr.)			2
						Remaining of the 128 cr. (3 cr. open electives)			3
				Total Credits Eligible for Transfer	64				
						Total Transfer Credits Applied to Program			64
						Total Credits Required after Transfer			64
						Total Credits Required for Degree			128

A.) Social Science Restricted Elective (choose one): AN 101, BM 101, PS 101, PY 101 or SO 101

B.) Restricted Elective (choose one): ET 141, ET 167, or ET 282