

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
				<b>Total Credits Eligible for Transfer</b>	<b>64</b>				
						<b>Total Transfer Credits Applied to Program</b>			<b>64</b>
						<b>Total Credits Required after Transfer</b>			<b>64</b>
						<b>Total Credits Required for Degree</b>			<b>128</b>

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