

Fulton Montgomery Community College			SUNY Polytechnic- Utica		
A.A.S Electrical Technology			B.S. Electrical Engineering Technology		
Course #	Course Title	Credits	Course #	Equivalent Course Title	Credits Accepted
ELT 125	Electric Circuit Analysis I	4	ETC 101	Fundamentals of Electrical Engineering Technology	4
ELT 132	Digital Electronics	4	ETC 210	Digital Systems I	4
MAT 140	Mathematics Elective [a]	4	MAT 120	Pre-Calculus	4
CIS 105	Computer Applications	3	CSC 000	Computer Science Elective	3
ENG 103	English I	3	ENG 101	Freshman Composition	3
ELT 126	Electric Circuit Analysis II	3	ETC 102	Electric Circuits	3
ELT 131	Indust Automation & Robotics I	3	TECE 000	Technical Elective	3
ELT 229	Electronics I	4	ETC 103	Electronics I	4
MAT 170	Calculus I	4	MAT 151	Calculus I	4
CAD 174	Computer Aided Drafting	3	TECE 000	Technical Elective	3
ELT 230	Electronics II	3	ETC 203	Electronics II	3
ELT 231	Industrial Autom and Robotics II	3	TECE 000	Technical Elective	3
PHY 151	Physics	4	PHY 101	General Physics I	4
MAT 175	Liberal Arts Elective	3	MAT 152	Calculus II	3
	Physical Ed or Wellness Ed	1	REC 000	Recreation Elective	0
ENG 104 or ENG 127	English II or Technical/Prof Writing	3	BCM 001	Gen Ed: Basic Communications (ENG 104 only)	3
ELT 232	Nano and Integrated Circuits	3	TECE 000	Technical Elective	3
ELT 236	Microcontroller Fundamentals	4	TECE 000	Technical Elective	4
ELT 234	Telecommunications	3	ETC 216	Electronic Communications I	3
PHY 152	Physics	4	PHY 102	General Physics II	4
			COM 200	Oral Communication	4
			CS 108	Computer Fundamentals	4
			ETC 316 or ETC 331	Control Systems or Communications	4
				General Education Requirement	4
			MAT 230	Differential Equations	4
			ETC 316/331	Comm/Control	4
			ETC 290	Nanotechnology or equiv	4
			ETC 265/342	Sensors/Microprocessors	4
			COM 306	Upper Division Writing	4
			ETC 299	QC WP Issues	2
			ETC 3xx	Upper Level Elective	4
			ETC 4xx	Senior Level Elective	4
				Unrestricted Elective	2
				ETC Capstone	4
				General Education Requirement	4
			ETC 4XX	Senior Level Elective	4
				Unrestricted Elective	4
Total Credits		66		Total Credits Transferred	65
				Total Remaining at SUNY POLY	66
				Total for Bachelors	128