SUNY Adirondack **Electrical Technology AAS**					SUNY Polytechnic Institute **Electrical Engineering Technology BS**				
Course #	**Course Title**	**SUNY Gen Ed**		**Credits Granted**	**Course #**	**Equivalent Course Title**	**Common Core**		**Credits Accepted**
HRD 110	Freshmen Experience			1	FYS 100				1
MAT 121	Precalculus: Algebra			4	MAT 120	Pre-calculus			4
TEC 101	Introduction to Engineering & Technology			3	ETC 101	Fund of Eng. Tech			3
TEC 103	Electrical Technology Fundamentals			3	ETC 000	Electrical Tech Elective			3
TEC 119	Electricity I			3	ETC 102	Electric Circuits			3
	Health and Wellness			1	REC 000	Recreation Elective			1
ENG 101	Introduction to College Writing			3	ENG 101	Freshmen Composition			3
MAT 125	Precalculus: Trigonometry			4	MAT 001	Math Gen Ed			4
TEC 120	Electricity II			4	ETC 102	Electric Circuits			4
TEC 130	Introduction to RFID			3	ETC 000	Electrical Tech Elective			3
	Elective			3					3
ENG 108	Writing in and about Literature			3	ENG 110	Introduction to Literature			3
CIS 143	Introduction to Programming			3	CS 108	Computer Fund			3
PHY 107	Applied Physics			4	PHY 101	Physics I			4
TEC 223	Motors and Controls			3	ETC 000	Electrical Tech Elective			3
TEC 250	Automation and Controls I			3	ETC 000	Electrical Tech Elective			3
	Social Science Elective			3	SOS 001	Social Science Elective			3
MAT 131	Calculus I			4	MAT 121	Calculus I for Engineering Technology			4
TEC 178	Technology Internship			3	ETC 000	Electrical Tech Elective			3
TEC 241	Industrial Electronics			3	ETC 103	Electronics I			3
TEC 251	Automation and Controls II			3	ETC 000	Electrical Tech Elective			3
	Health and Wellness			1	REC 000	Recreation Elective			1
					PHY 102	Physics 2			4
					ETC 210	Digital Systems			4
					ETC 203	Electronics II			4
					ETC 216	Elec Comm I or Equiv			4
					MAT 230	Diff Equ or Equiv			4
					COM 300	Oral Communications			4
					ETC 316/331	Comm/Control			4
						General Ed			4
					COM 306	Upper Division Writing			4
					ETC 265/342	Sensors/Microprocessors			4
					ETC 290	Nanotechnology or equiv			4
						General Ed			4
					ETC 299	QC WP Issues			2
					ETC 3xx	Or higher elective			4
					ETC 4xx	Senior Level Elective			4
						General Education			4
						Open Elective			4
			Total Credits Eligible for Transfer	**65**				**Total Transfer Credits Applied to Program**	**58**
								Total Credits Required after Transfer	**70**
								Total Credits Required for Degree	**128**