

SUNY Dutchess ELT to SUNY Polytechnic Electrical Engineering Technology EET							
First Year - Fall				First Year - Spring			
SUNY Poly course	cr	Dutchess CC course	cr	SUNY Poly course	cr	Dutchess CC course	cr
MAT 110 – College Algebra	4	MAT184: College Algebra & T	3	MAT 120 – Pre-Calculus Math	4	MAT185: Pre-Calc	4
<b>ETC 101 – Fund. Of Eng Tech</b>	4	ELT105: DC Circuits	3	<b>ETC 102 – Electrical Circuits</b>	4	ELT106: AC Circuits	3
ENG 101 – Freshman Comp	4	ENG101	3	General Education 2	4	ENG102	3
General Education 1	4	BHS103	3	General Education 3	4	American History	3
FYS 101 – First Year Seminar	1			FIT 101- Athletic Conditioning	1		
Total:		17		Total:		17	
		Total:				Total:	
		12				13	
Second Year - Fall				Second Year - Spring			
SUNY Poly course	cr	Dutchess CC course	cr	SUNY Poly course	cr	Dutchess CC course	cr
PHY 101 – Physics I	4	PHY121	4	PHY 102 – Physics II	4	PHY122 or CHE111/ CHE121*	4
MAT 121 – Calculus I	4	MAT221: Calc I**	4	<b>CS 108 – Comp Fund</b>	4	ELT107: Intro to Programming	3
<b>ETC 103 – Electronics I</b>	4	ELT108: Electronics I	3	<b>ETC 203 – Electronics II</b>	4	ELT218: Electronics II	3
<b>ETC 210 – Digital Systems</b>	4	ELT115: Digital Fundamentals	3	<b>ETC 216 – Elec Comm I or equ</b>	4	ELT122: Manufacturing Tools	3
Total:		16		Total:		16	
		Total:				Total:	
		14				13	
Third Year - Fall				Third Year - Spring			
SUNY Poly course	cr	Dutchess CC course	cr	SUNY Poly course	cr	Dutchess CC course	cr
MAT 122 – Calculus II	4	MAT222: Calc II	4	MAT 230 – Diff Equ	4		
COM 200 – Oral Comm	4			<b>COM 306 – Upper Div Writing</b>	4		
<b>ETC 316/331 – Comm/Control</b>	4			<b>ETC 265/342 – Sensors/Micro</b>	4		
<b>ETC 4xx – Senior level electiv</b>	4			<b>ETC 290– Nanotechnology or</b>	4	ELT213: Electromechanical De	3
Total:		16		Total:		16	
		Total:				Total:	
		4				3	
Fourth Year - Fall				Fourth Year - Spring			
SUNY Poly course	cr	Dutchess CC course	cr	SUNY Poly course	cr	Dutchess CC course	cr
ETC 299 – QC. WP Issues	2			ETC Capstone	4		
ETC 3xx or higher elective	4			<b>Unrestricted Elective</b>	4	ELT216: Automation Systems	3
<b>ETC 4xx – Senior level electiv</b>	4			<b>Unrestricted Elective</b>	4	ELT250: ELT Capstone + ENT13	3
<b>General Education 4</b>	4			<b>Unrestricted Elective</b>	4	Tech Elective***	3
Total:		14		Total:		16	
		Total:				Total:	
		0				9	
Total Credits SUNY Poly EET BS:			<b>128</b>				
Total Credits transfer Dutchess CC ELT AAS:			<b>68</b>				
Difference - credits needed at SUNY Poly for EET BS degree:			<b>60</b>				

\*Students at DCC in the ELT program planning to transfer to SUNY Poly should choose PHY121: General Physics II

\*\*Students at Dutchess CC in the ELT program should choose MAT221: Calculus I as their free elective

\*\*\*Dutchess CC ELT technical elective is typically ENR220: Digital System Design or ELT203: Power Systems

Note: Majority of the SUNY Dutchess ELT program credits are 3 credits. So, in the table above, a transferred course can satisfy the required area but not the credit. Therefore, a student must compensate the credits difference.