PROGRAM ARTICULATION DEG John A Logan College	2022-2023		Southern Illinois University Carbon	dalo		
AAS Mechanics Engineering Tech	nnology - 65 hrs		BS Electrical Engineering Technology			
			University Core Curriculum (UCC) C	APSTONE OPTION - 30 hrs		
		Hrs			Hrs	
			UNIV 101	Saluki Success	NA	
ENG 101 -or- ENG 113	English Composition I -or- Professional Tech Writ	3	ENGL 101	English Composition I	Т	
			ENGL 102	English Composition II	NA	
COM 115	Speech	3	CMST 101	Intro to Oral Communication	Т	
MAT 111	Precalculus	5	MATH 111	Precalculus	Т	
IVVII III			SOCIAL SCIENCE	1 Tecalculus		
			SOCIAL SCIENCE			
			HUMANITIES			
					3	
DI IV 455	O-II Disseries		HUMANITIES	O-II Blooding II-l	NA	
PHY 155	College Physics	5	PHYS 203A/253A (Required for BS de		Т	
			LIFE SCIENCE, GRP II	BS degree requires 2 PHYS courses	NA	
			FINE ARTS		3	
			BIOL 202	Human Genetics and Human Health		
			MULTICULTURAL		3	
		16			17	
Program Requirements			Program Requirements			
ORI 100	College 101	1				
ELT 102	Basic Electricity and Wiring	4	1			
ELT 102	Applied DC/AC Circuits	4	1			
ELT 104	Introduction to VFDs	2				
ELT 151	Applied Solid State Circuits	3	The AAS degree in Electronics Technology as articulated fulfills the technical elective requirements for the BS degree in Electricl Engineering Technology (EET).		ive	
		3				
ELT 214	A+ Preparation IT Technician			requirements for the bo degree in Lieuther Linguisering reciliology (EET).		
ELT 214 ELT 218		3	requirements for the 65 de	gree in Electrici Engineering Technology (EET).		
ELT 218	Introduction to Network Technologies	3	requirements for the 65 de	sgree in Electrici Engineering Technology (EET).		
ELT 218 ELT 224	Introduction to Network Technologies Power Distribution and Motors	3	requirements for the BS de	gree in Electrici Engineering Technology (EET).		
ELT 218 ELT 224 MFT 103	Introduction to Network Technologies Power Distribution and Motors Industrial Robots and PLCs	3 3 3	requirements for the BS de	gree in Electrici Engineering Technology (EE1).		
ELT 218 ELT 224 MFT 103 MFT 201	Introduction to Network Technologies Power Distribution and Motors Industrial Robots and PLCs PLC Manufacturing Systems	3 3 3	requirements for the BS de	gree in Electrici Engineering Technology (EE1).		
ELT 218 ELT 224 MFT 103 MFT 201 IDM 210	Introduction to Network Technologies Power Distribution and Motors Industrial Robots and PLCs PLC Manufacturing Systems Hydraulics & Pneumatics	3 3 3 3 3	·			
ELT 218 ELT 224 MFT 103 MFT 201 IDM 210 EGR 101	Introduction to Network Technologies Power Distribution and Motors Industrial Robots and PLCs PLC Manufacturing Systems Hydraulics & Pneumatics Engineering Graphics	3 3 3 3 3 3	EET 245 (Required for BS degree)	Introductory Circuit Theory & Applications	Ţ	
ELT 218 ELT 224 MFT 103 MFT 201 IDM 210 EGR 101 ELT 150	Introduction to Network Technologies Power Distribution and Motors Industrial Robots and PLCs PLC Manufacturing Systems Hydraulics & Pneumatics Engineering Graphics Applied Solid State Electronics	3 3 3 3 3 3	·		T T	
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ELT 218 ELT 224 MFT 103 MFT 201 IDM 210 EGR 101 ELT 150 ELT 111 ELT 112	Introduction to Network Technologies Power Distribution and Motors Industrial Robots and PLCs PLC Manufacturing Systems Hydraulics & Pneumatics Engineering Graphics Applied Solid State Electronics Digital Electronics I Digital Electronics II	3 3 3 3 3 3 3 3 3	EET 245 (Required for BS degree) EET 150 (Required for BS degree) EET 238 (Required for BS degree)	Introductory Circuit Theory & Applications Intro to Electrical Engineering Technology Digital System Fundamentals	T T	
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