

PROGRAM ARTICULATION DEGREE PLAN					
Southeastern Illinois College 2023-2024			Southern Illinois University Carbondale		
AS General - 62 Hours			BS - Electrical Engineering Technology (EET) - 120 Hours		
		Hrs		Hrs	
			UNIV 101	Saluki Success	NA
COM 121	Principles of Speaking	3	CMST 101	Intro to Oral Communication	T
ENG 121	Rhetoric & Composition I	3	ENGL 101	English Composition I	T
ENG 122	Rhetoric & Composition II	3	ENGL 102	English Composition II	T
MATH 161	Pre-Calculus	4	MATH 111 (required)	Precalculus	T
	IAI Social Science	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
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	IAI Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide	T
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PHYS 121	Basic Physics	4	PHYS 203A/253A (required)	College Physics w/Lab	T
	IAI Life Science	4	LIFE SCIENCE	See SIUC Transfer Equivalency Guide	T
	IAI Fine Arts	3	FINE ARTS	See SIUC Transfer Equivalency Guide	T
BIOL 201	Human Heredity	3	BIOL 202	Human Genetics & Health	T
			MULTICULTURAL		NA
		39			0
			<i>An Associate of Science from a regionally accredited Illinois community college satisfies UCC requirements</i>		
Program Requirements			Program Requirements		
Electives		9	Any courses not articulated will be used to satisfy general elective credit		
BUS 133	Business Communications	3	MGMT 202 (required)	Business Communications	T
MATH 141	Elementary Statistics	3	MATH 282 (required)	Intro to Statistics	T
MATH 165	Scientific Programming	3	ECE 222 (required)	Intro to Digital Computation	T
MATH 162	Calculus I	5	MATH 150 (required)	Calculus I	T
		23			
			PHYS 203B/253B	College Physics w/Lab	4
			EET 150	Intro to Electrical Engineering Technology	2
			EET 238	Digital System Fundamentals	4
			EET 245	Introductory Circuit Theory & Applications	4
			EET 304A	AC/DC Circuit Theory	4
			EET 304B	Network Theory & Application	4
			EET 332A	DC Motors, Generators & Energy Conv Devices	4
			EET 332B	AC Electric Machines & Power Systems	4
			EET 403A	Electronic Circuit Analysis	4
			EET 403B	Electronics Application & Design	4
			EET 437A	Telecommunication Systems Fundamentals	4
			EET 437B	Data & Computer Communication	4
			EET 438A	Automatic Control Systems Technology	4
			EET 438B	Sequential Digital Control & Data Acquisition	4
			EET 439	Microcontroller Application & Design	4
			EET 495A	Electrical Engineering Technology Senior Design I	1
			EET 495B	Electrical Engineering Technology Senior Design II	1
					60
Total semester hrs completed w/ AS degree:		62	Total semester hrs completed w/ BS degree:		60
<i>Degree plan updated on 5/25/2023 by SW</i>			Total hrs to BS degree:		122