

PROGRAM ARTICULATION DEGREE PLAN					
Southeastern Illinois College		2024-2025		Southern Illinois University Carbondale	
AS General - 62 Hours		BS Electrical Engineering Technology (EET) - 120 Hours			
		University Core Curriculum (UCC) - 39 hrs*			
		Hrs		Hrs	
COM 121	Principles of Speaking	3	UNIV 101	Saluki Success	NA
ENG 121	Rhetoric & Composition I	3	CMST 101	Intro to Oral Communication	T
ENG 122	Rhetoric & Composition II	3	ENGL 101	English Composition I	T
MATH 161	Pre-Calculus	4	ENGL 102	English Composition II	T
MATH 162	Calculus & Analytic Geometry I	5	MATH 111	Precalculus	T
	IAI Social Science	3	MATH 150	Calculus I	T
	IAI Social Science	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
	IAI Humanities	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
	IAI Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide	T
PHYS 121	Basic Physics	4	HUMANITIES	See SIUC Transfer Equivalency Guide	T
	IAI Life Science	4	PHYS 203A -and- 253A	College Physics w/Lab	T
	IAI Life -or- Physical Science w/Lab	4	LIFE SCIENCE	See SIUC Transfer Equivalency Guide	T
	IAI Fine Arts	3	LIFE -OR- PHYSICAL Science	See SIUC Transfer Equivalency Guide	T
			FINE ARTS	See SIUC Transfer Equivalency Guide	T
			HUMAN HEALTH		NA
			MULTICULTURAL		NA
		45			0
			*An AS from a regionally accredited Illinois community college satisfies UCC requirements		
Program Requirements			Program Requirements		
Electives		8	Any courses not articulated will be used to satisfy general elective credit		
BUS 133	Business Communications	3	MGMT 202	Business Communications	T
MATH 141	Statistics	3	MATH 282	Intro to Statistics	T
MATH 165	Scientific Programming	3	CS 202 -or- ECE 222	Intro to Computer Science -or- Intro to Digital Computation	T
		17			
			PHYS 203B -and- 253B	College Physics w/Lab	4
			EET 150	Intro to Electrical Engineering Technology	2
			EET 238	Digital System Fundamentals	3
			EET 238L	Digital System Fundamentals Lab	1
			EET 245	Intro Circuit Theory & Applications	3
			EET 245L	Intro Circuit Theory & Applications Lab	1
			EET 304A	AC/DC Circuit Theory & Application	3
			EET 304AL	AC/DC Circuit Theory & Application Lab	1
			EET 304B	Network Theory & Application	3
			EET 304BL	Network Theory & Application Lab	1
			EET 332A	DC Motors, Generators & Energy Conversion Devices	3
			EET 332AL	DC Motors, Generators & Energy Conversion Devices Lab	1
			EET 332B	AC Electric Machines & Power Systems	3
			EET 332BL	AC Electric Machines & Power Systems Lab	1
			EET 403A	Electronic Circuit Analysis	3
			EET 403AL	Electronic Circuit Analysis Lab	1
			EET 437A	Telecommunication Systems Fundamentals	3
			EET 437AL	Telecommunication Systems Fundamentals Lab	1
			EET 437B	Data & Computer Communication	3
			EET 437BL	Data & Computer Communication Lab	1
			EET 438B	Sequential Digital Control & Data Acquisition	3
			EET 438BL	Sequential Digital Control & Data Acquisition Lab	1
			EET 439	Microcontroller Application & Design	3
			EET 439L	Microcontroller Application & Design Lab	1
			EET 440	Embedded Systems Design	3
			EET 440L	Embedded Systems Design Lab	1
			EET 495A	Electrical Engineering Technology Senior Design I	1
			EET 495B	Electrical Engineering Technology Senior Design II	1
			Electives	As needed to reach 120 hours	2
					58
Total semester hrs completed w/AS degree:		62	Total semester hrs completed w/BS degree:		58
			Total hrs to BS degree:		120
Degree Plan updated on 8/20/24 by SG					