

PROGRAM ARTICULATION DEGREE PLAN					
College of Lake County	2024-2025		Southern Illinois University Carbondale		
AAS Electrical Engineering Technology - 64-66 hrs			BS Electrical Engineering Technology (EET) - 120 hrs		
			University Core Curriculum (UCC) CAPSTONE OPTION - 30 hrs		
		Hrs			Hrs
			UNIV 101	Saluki Success	NA
CMM 121	Fundamentals of Speech	3	CMST 101	Intro:Oral Communication	T
ENG 121	English Composition I	3	ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
MTH 144	Precalculus	5	MATH 111	Precalculus	T
ECO 221 -or- ECO 222	Principles of Macroeconomics -or- Principles of Microeconomics	3	ECON 241 -or- 240	Intro to Macroeconomics -or- Intro to Microeconomics	T
			SOCIAL SCIENCE		
PHI 122	Logic	3	PHIL 105	Elementary Logic	T
			HUMANITIES		
PHY 121	General Physics I	5	PHYS 203A -and- 253A	College Physics w/Lab	T
			LIFE SCIENCE		
			FINE ARTS		
			HUMAN HEALTH		
			MULTICULTURAL		
		22			12
Program Requirements			Program Requirements		
CLC 120	College Success Seminar	2	The AAS in Electrical Engineering Technology as articulated fulfills the 7 hours of technical electives required for the BS in Electrical Engineering Technology.		
EET 113	Solid State Electronics	4			
EET 170	DC Circuit Fundamentals	2			
EET 174	AC Fundamentals	2			
EET 176	Circuit Analysis & Network Theorems	4			
Technical Electives	Select from list of approved courses	6-8			
EET 115	Electronic Laboratory	2			
EET 211	Advanced Solid State Electronics	4	EET 2XX (elective)	EET Tech Elective 200-level	T
EET 216 -and- 223	Microprocessors I -and- Intro to Digital Electronics	8	EET 238 -and- 238L	Digital System Fundamentals w/Lab	T
EET 230	Electrical Machinery	3	EET 2XX (elective)	EET Tech Elective 200-level	T
MTH 145	Calculus & Analytic Geometry I	5	MATH 150	Calculus I	T
		42-44			
			MATH 282	Intro to Statistics	3
			MGMT 202	Business Communications	3
			PHYS 203B -and- 253B	College Physics w/Lab	4
			Select 1 Course:	ECE 222 -or- ENGR 222	2
			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 403B	Electronics Application & Design	4
			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 438A	Automatic Control Systems Technology	3
			EET 438AL	Automatic Control Systems Technology 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
					66
Total semester hrs completed w/AAS degree:		64-66	Total semester hrs completed w/BS degree:		78
			Total hours to BS degree:		142-144
Degree Plan updated on 7/10/24 by SG					