



## TRANSFER GUIDE

### AAS Industrial Electricity transferring into BS Electrical Engineering Technology

Southwestern Illinois College Courses			
AAS Industrial Electricity – 70 hours			
ENG 101-3	Rhetoric & Composition I	EET 239-3	Advanced PLCs
SPCH 151-3	Fundamentals in Public Speaking	EET 240-3	Motors and Drives
MATH 112-4	College Algebra	EET 242-4	Electrical Control Systems I
	Social Science Elective	EET 243-3	NEC for Industrial/Commercial
	Human Relations Elective	EET 244-3	Electrical Control Systems I
HES 151-2	Personal Health and Wellness	EET 246-3	Power Generation/Distribution
EET 101-5	Intro to Electricity/Electronics	EET 247-4	DC Crane Controls
EET 121-3	Electronic Devices & Circuits	EET 269-2	Electrical & Electronics Capstone
EET 131-3	Electrical Wiring Principles	IML 119-4	Mechanical Systems
EET 200-3	Digital Electronic Circuits I	MATH 114-3	Trigonometry
EET 235-3	Programmable Logic Controllers		EET Elective
Southern Illinois University Carbondale Courses			
BS Electrical Engineering Technology – 78 hours			
	Social Science Elective	EET 332A-4	DC Motors, Generators Energy Conv
PHYS203A/253A-4	College Physics/Lab	EET 332B-4	AC Electric Machines & Power Systs
	Fine Arts Elective	EET 403A-4	Electronic Circuit Analysis
	Multicultural Elective	EET 403B-4	Electronics Application & Design
BIOL 202-2	Human Genetics & Human Health	EET 437A-4	Telecomm Systems Fundamentals
ECE 222-3	Intro to Digital Computation	EET 437B-4	Data & Computer Communication
MATH 150-4	Calculus I	EET 438A-4	Automatic Control Systems Tech
MATH 282-3	Intro to Statistics	EET 438B-4	Sequential Digital Ctrl/Data Acquistn
MGMT 202-3	Business Communications	EET 439-4	Microcontroller App & Design
PHYS 203B/253B-4	College Physics/Lab	EET 495A-1	EET Senior Design I
EET 304A-4	AC/DC Circuit Theory/Application	EET 495B-1	EET Senior Design II
EET 304B-4	Network Theory & Application		
<b>Total Hours to Bachelor Degree: 148 Hours</b>			

### Questions? Contact Us!

**Salary Range:** \$39,000-\$61,000

**Possible Careers:** Computer Systems Analyst  
Microelectronics Specialist  
Comm Systems Specialist  
Project Manager

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Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is attempted to be kept current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.

## Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

**Hour Requirements.** Each student must complete at least 120 semester hours of credit. Each student must have at least 42 hours in courses that number 300 or above from a four-year institution.

**Residence Requirements.** Each student must complete the residence requirement by taking the last year, which is defined as 30 uninterrupted semester hours, or a total of 90 semester hours at SIU Carbondale.

**Grade Point Average Requirements.** Each student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

## Dual Admission Program

The Dual Admission Program (DAP) allows baccalaureate-oriented students at eligible community colleges to benefit from pre-advisement for a chosen major at SIU Carbondale. The DAP addresses specific departmental requirements that a student may not automatically fulfill by completing their associate degree at their community college. Students apply to the DAP by completing the Application for Undergraduate Admission and indicating interest in the DAP. Students must have at least two semesters remaining at their community college to participate, [must select a participating SIU major](#), and [must attend an eligible community college](#). Students who apply for the DAP are provided a transfer plan that will guide them to the most direct route to their bachelor's degree, along with personalized contact with an SIU representative. Dual Admission Program students receive access to enroll in an online Dual Admission Program course, which connects students early to the University, its resources, and other transfer students.

## Compact Agreement

SIU has recognized the Illinois regionally accredited community college transferable baccalaureate oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIU will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC). The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

## Degree Works

*Degree Works* is an easy-to-use, comprehensive, online degree audit tool specifically designed for students. The audit reflects program requirements from the Undergraduate Catalog measured against registration and transfer work to guide the degree audit function as it applies to the individual student. Once admitted to SIU Carbondale, you can run a Degree Works degree audit against your academic record by searching "Degree Works" in [SalukiNet](#).