

## TRANSFER GUIDE

### AAS Electronics Technology transferring into BS Electrical Engineering Technology

John A Logan College Courses			
AAS Electronics Technology – 67 hours			
ORI 100-1	College 101	ELT 150-3	Applied Solid State Electronics
COM 115-3	Speech	ELT 151-3	Applied Solid State Circuits
ENG 101-3 or 113-3	English Comp I/Prof Tech Writing	ELT 200-3	Intro to Microprocessors
MAT 112 or 113-3	Intro to Contemporary Math	ELT 210-3	A+ Preparation Essentials
PHY 155-5	College Physics I	ELT 214-3	A+ Preparation IT Technician
Elective-3	Social and Behavior Science	ELT 215-3	IOT and Embedded Systems
ELT 102-4	Basic Electricity & Wiring	ELT 218-3	Intro to Network Technologies
ELT 103-4	Applied DC/AC Circuits	ELT 220-3	Linear Integrated Circuits
ELT 104-2	Intro to VFDs	ELT 224-3	Power Distribution and Motors
ELT 111-3	Digital Electronics I	MFT 103-3	Industrial Robotics & PLCs
ELT 112-3	Digital Electronics II	MFT 201-3	PLC Manufacturing Systems
Southern Illinois University Carbondale Courses			
BS Electrical Engineering Technology (EET) – 76 hours			
Elective-3	Social Science	EET 437A-4	Telecomm System Fundamentals
Elective-3	Humanities	EET 437B-4	Data & Computer Communication
Elective-3	Fine Arts	EET 438A-4	Automatic Control Systems Tech
Elective-3	Multicultural	EET 438B-4	Seq Digital Ctrl & Data Acquisition
BIOL 202-2	Human Genetics and Health	EET 439-4	Microcontroller App & Design
ENGR 222-2	Comp Methods for Engr & Tech	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	MATH 111-4	Precalculus I
EET 332A-4	DC Motors, Generators & Energy Conversion Devices	MATH 150-5	Calculus I
		MATH 282-3	Introduction to Statistics
EET 332B-4	AC Electric Machines & Powr Syst	MGMT 202-3	Business Communications
EET 403A-4	Electronic Circuit Analysis	PHYS 203/253B-4	College Physics II/Lab
EET 403B-4	Electronics Application & Design		
<b>Total Hours to Bachelor Degree: 143 Hours</b>			

### Questions? Contact Us!

**Salary Range:** \$55,000-\$75,500

**Possible Careers:** Electronics Design Engineer  
Field Service Engineer  
Hardware Engineer  
Senior Engineering Technician  
Test Engineer

**John A Logan College**  
Emily Monti  
Associate Mngr for Curriculum & Instruction  
P: 618-985-3741 ext 8514  
E: [emilymonti@jalc.edu](mailto:emilymonti@jalc.edu)

**Southern Illinois University Carbondale**  
Dr. Carl Spezia, Program Coordinator  
Electrical Engineering Technology  
P: 618-453-7839  
E: [powerguy@siu.edu](mailto:powerguy@siu.edu)

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

**Residence Requirements.** Student must complete the residency requirement by taking a total of 42 semester hrs at SIU Carbondale.

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

## Compact Agreement

SIU Carbondale has recognized Illinois regionally accredited community college transferable baccalaureate-oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIUC 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) requirements. 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.

## Saluki Transfer Pathways

[Saluki Transfer Pathways](#) is the university's dual admission program that allows baccalaureate-oriented students at eligible community colleges intending to transfer to SIU Carbondale to benefit from early admission and pre-advisement for a baccalaureate program at SIUC. Saluki Transfer Pathways allows students to be conditionally admitted to SIU Carbondale up to two years in advance of their intended transfer term so they have access to transfer credit evaluation and the university's degree audit system. This allows students to address major specific requirements that may not be automatically fulfilled with the completion of an associate degree. Students apply to Saluki Transfer Pathways by completing the Application for Undergraduate Admission and indicating an interest in the program. To participate, students must have at least two semesters remaining at their community college. Direct questions about the Saluki Transfer Pathways program to [transfer@siu.edu](mailto:transfer@siu.edu).

## DegreeWorks

DegreeWorks is an easy-to-use, online degree audit tool specifically designed for students. Once admitted to SIU Carbondale, you can use it monitor your progress toward your degree in [Salukinet](#).

## Saluki Transfer Estimator Portal (STEP)

The [Saluki Transfer Estimator Portal](#) (STEP) is a web-based tool that integrates institutional course equivalency and degree audit data to provide an unofficial credit estimation and a more seamless transfer process. STEP gives transfer students a clear roadmap for timely degree completion by providing key information about how transfer credits apply to your intended program at SIU.