



TRANSFER GUIDE

AAS Industrial Electricity transferring into BS Electrical Engineering Technology

Southwestern Illinois College Courses			
AAS Industrial Electricity – 68 hours			
COMM 151-3	Fundamentals of Public Speaking	EET 200-3	Digital Electronic Circuits
ENG 101-3	Rhetoric & Composition I	EET 235-3	Programmable Logic Controllers
MATH 112-4	College Algebra	EET 239-3	Advanced PLCs
Elective-3	Social Science	EET 240-3	Motors & Drives
Elective-3	Human Relations	EET 242-4	Electrical Control Systems I
PHYS 151-5	College Physics I	EET 243-3	NEC for Industrial Commercial
PHYS 152-5	College Physics II	EET 244-3	Electrical Control Systems II
Elective-2	Human Well-Being	EET 246-3	Power Generation/Distribution
EET 101-5	Intro to Electricity & Electronics	IML 119-3	Mechanical Systems
EET 121-3	Electronic Devices & Circuits	Elective-1	Industrial Electricity Elective
EET 131-3	Electrical Wiring Principles		
Southern Illinois University Carbondale Courses Capstone Option			
BS Electrical Engineering Technology (EET) – 79 hours			
Elective-3	Social Science	EET 304A,304AL-4	AC/DC Circuit Theory & App w/Lab
Elective-3	Life Science	EET 304B,304BL-4	Network Theory Application w/Lab
Elective-3	Fine Arts	EET 332A,332AL-4	DC Motor Gen Energy Con Dev w/Lab
Elective-3	Multicultural	EET 332B,332BL-4	AC Electric Mach Pwr Systems w/Lab
MATH 109-3	Trig & Analytic Geometry	EET 403A,403AL-4	Electronic Circuit Analysis w/Lab
MATH 150-4	Calculus I	EET 437A,437AL-4	Telecomm Syst Fundamentals w/Lab
MATH 282-3	Intro to Statistics	EET 437B,437BL-4	Data & Computer Comm w/Lab
MGMT 202-3	Business Communications	EET 438B,437BL-4	Seq Digital Control Data Acq w/Lab
1 Course-2	CS 202 or ENGR 222 or ECE 222	EET 439,439L-4	Microcontroller App & Design w/Lab
EET 150-2	Intro Electrical Engineering Tech	EET 440,440L-4	Embedded Systems Design w/Lab
EET 238,238L-4	Digital System Fundamentals w/Lab	EET 495A-1	EET Senior Design I
EET 245,245L-4	Intro Circuit Theory & Apps w/Lab	EET 495B-1	EET Senior Design II
Total Hours to Bachelor Degree: 147 Hours			

Questions? Contact Us!

Southwestern Illinois College

Bradley Sparks

Chief Academic Officer - Interim

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Southern Illinois University Carbondale

Dr. Karumbaiah Chappanda, Program Coordinator

Electrical Engineering Technology

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Salary Range:

\$55,000-\$75,500

Possible Careers:

Electronics Design Engineer
 Field Service Engineer
 Hardware Engineer
 Senior Engineering Technician
 Test Engineer



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.

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.