



TRANSFER GUIDE

AAS Instrumentation Control Systems Transferring into BS Electrical Engineering Technology (EET)

Lewis & Clark Community College Courses			
AAS Instrumentation and Control Systems – 62-64 hours			
SPCH 131 -or- SPCH 145-3	Public Speaking -or- Public & Private Communication	INST 132-3 INST 133-6	AC Fundamentals in Electricity Digital Electronics
ENGL 134-5	Pre-Calculus	INST 135-3	Motor Controls
MATH 131-4	College Algebra	INST 231-3	PLC Programming
PHYS 125-4	Applied Physics I	INST 233-3	Instrumentation I
Elective-3	Humanities/Fine Arts	INST 235-3	Instrumentation II
Elective-3	Social Science	INST 237-3	Final Control Elements
CIS 210-3	Intro Java Programming	INST 239-3	PID Control
CIS 235-3	C++ Programming Language	INST 271-1-3	Instrumentation Tech Internship
INST 131-3	DC Fundamentals in Electricity	PHYS 132-4	Intro to Physics II
Southern Illinois University Carbondale Courses			
BS Electrical Engineering Technology (EET) Capstone Option – 70 hours			
Elective-3	Social Science	EET 332B-4	AC Electric Machines & Pwr Systems
Elective-3	Fine Arts	EET 403A-4	Electronic Circuit Analysis
Elective-3	Multicultural	EET 403B-4	Electronics Applications & Design
BIOL 202-3	Human Genetics and Human Health	EET 437A-4	Telecom System Fundamentals
MATH 150-4	Calculus I	EET 437B-4	Data & Comp Communication
MATH 282-3	Statistics	EET 438A-4	Auto Control Systems Technology
MGMT 202-3	Business Communication	EET 438B-4	Sequential Digital Ctrl & Data Acq
EET 238-3	Digital System Fundamentals	EET 439-4	Microcontroller App & Design
EET 304A-4	AC/DC Circuit Theory & Application	EET 495A-1	EET Senior Design I
EET 332A-4	DC Motors, Gen & Energy Conversn	EET 495B-1	EET Senior Design II
Total Hours to Bachelor Degree: 132-134 hours			

Questions? Contact Us!

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

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

Lewis & Clark Community College
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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. 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.