

TRANSFER GUIDE

AAS Electronic Control Systems Technology transferring to BS Electrical Engineering Technology

Parkland College Courses			
AAS Electronic Control Systems Technology – 61 hours			
ENG 101-3	Composition I	ELT 193-3	Electronic Systems Repair
COM 103-3	Intro to Public Speaking	ELT 231-3	Programmable Controllers
Elective-3	IAI Social Science	ELT 292-3	Process Control
CTC 132-1	Computer Basics	ELT 293-3	Industrial Control Networks
CTC 193-1	Windows	ELT 295-3	Automation & Motion Control
ELT 131-3	Residential Wiring	ELT 299-3	Robotics & Automation
ELT 134-3	Motors, Controls & Drives	EST 113-1	Work Experience & Ethics
ELT 150-3	Intro to Electricity & Electronics	MAT 131-3	Applied Mathematics
ELT 155-3	Digital Control Systems	MAT 160-4	Statistics
ELT 171-3	Analog Control Systems	MFT 113-3	Intro Hydraulics & Pneumatics
ELT 179-3	Industrial Control Devices	MFT 117-3	Pumps, Compressors & Vac Systems
Southern Illinois University Carbondale Courses Capstone Option			
BS Electrical Engineering Technology (EET) – 90 hours			
Elective-3	Social Science	EET 304B,BL-4	Network Theory & App w/Lab
Elective-3	Humanities	EET 332A,AL-4	DC Motor, Gen Energy Conv Dev w/Lab
Elective-3	Fine Arts	EET 332B,BL-4	AC Electric Machines & Pwr Sys w/Lab
Elective-3	Multicultural	EET 403A,AL-4	Electronic Circuit Analysis w/Lab
Elective-3	Life Science	EET 403B-4	Electronics Application & Design
PHYS 203A,253A-4	College Physics w/Lab	EET 437A,AL-4	Telecomm System Fundamentals w/Lab
PHYS 203B,253B-4	College Physics w/Lab	EET 437B,BL-4	Data & Computer Comm w/Lab
MATH 111-4	Precalculus	EET 438A,AL-4	Automatic Ctrl Syst Tech w/Lab
MATH 150-4	Calculus I	EET 438B,BL-4	Seq Digital Ctrl & Data Acq w/Lab
MGMT 202-3	Business Communications	EET 439,439L-4	Microcontroller App & Design w/Lab
1 Course-2	ECE 222 or ENGR 222	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 304A,AL-4	AC/DC Circuit Theory & App w/Lab	EET 495B-1	EET Senior Design II
Total Hours to Bachelor Degree: 151 Hours			

Questions? Contact Us!

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

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

Parkland College
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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.