

## TRANSFER GUIDE

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

College of DuPage Courses			
AAS Electronics Engineering Technology – 68 hours			
ENGLI 1101-3	English Composition I	ELECT 1120-2	Electronic Documentation/Fabrication
SPEECH 1100-3	Fundamentals of Speech Comm	ELECT 1141-3	Digital Fundamentals
MATH 1431-5	Precalculus I	ELECT 1151-4	Electronic Devices and Applications I
PHYSI 1201-5	General Physics I	ELECT 1161-4	Modern Communications
Elective-3	IAI Social Science	ELECT 2273-3	Embedded Systems
Elective-3	IAI Humanities	ELMEC 1106-3	Power Electricity & Rotating Machines
ELECT 1100-3	Intro to Electricity and Electronics	ELMEC 2510-3	Process Automation Controls
ELECT 1101-3	Circuits I	Electives-14	Choose ELECT or ELEMCO courses
ELECT 1102-4	Circuits II		
Southern Illinois University Carbondale Courses			
BS Electrical Engineering Technology – 66 hours			
Elective-3	Social Science	EET 332A-4	DC Motors, Gen & Energy Conversion
Elective-3	Fine Arts	EET 332B-4	AC Electric Machines/Power Systems
Elective-3	Multicultural	EET 403A-4	Electronic Circuit Analysis
PHYS 203/253B-4	College Physics/Lab	EET 403B-4	Electronics Application & Design
MATH 109-3	Trigonometry & Analytic Geometry	EET 437A-4	Telecomm Systems Fundamentals
MATH 150-4	Calculus I	EET 437B-4	Data & Computer Communication
MATH 282-3	Introduction to Statistics	EET 438A-4	Automatic Control Systems Tech
MGMT 202-3	Business Communications	EET 438B-4	Seq Digital Control/Data Acquisition
ENGR/ECE 222-2	Computational Methods Engr & Tech	EET 495A-1	EET Senior Design I
EET 304B-4	AC Network Theory and Application	EET 495B-1	EET Senior Design II
Total Hours to Bachelor Degree: 134 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

#### College of DuPage

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#### Southern Illinois University Carbondale

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## 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](#).