

TRANSFER GUIDE

AAS Electronics Technology transferring into BS Industrial Management & Applied Engineering

Southwestern Illinois College Courses			
AAS Electronics Technology – 69 hours			
SPCH 151-3	Fundamentals in Public Speaking	EET 205-4	Digital Electronic Circuits I
ENG 101-3	Rhetoric & Composition I	EET 210-4	Intro to Microprocessors
MATH 112-4	College Algebra	EET 225-4	Microprocessor Interfacing
Elective-3	Social Science	EET 231-4	Intro to Robotics
Elective-3	Human Relations	EET 232-4	Instrumentation Fundamentals
HES 151-2	Personal Health and Wellness	EET 250-3	Microcomputer Maint-Beginning
EET 101-5	Intro to Electricity/Electronics	EET 260-3	Communication Electronics I
EET 121-3	Electronic Devices & Circuits	EET 269-2	Electrical & Electronics Capstone
EET 131-3	Electrical Wiring Principles	NETW 101-3	Intro to Networking
EET 200-3	Digital Electronic Circuits I	EET Elective-3	See department for approved electives
Southern Illinois University Carbondale Courses			
BS Industrial Management and Applied Engineering – 65 hours			
Elective-3	Social Science	IMAE 375-3	Production and Inv. Management
PHYS 203A/253A-4	College Physics/Lab	IMAE 390-3	Cost Estimating
Elective-3	Fine Arts	IMAE 392-3	Facilities Planning/Workplace Design
Elective-3	Multicultural	IMAE 442-3	Fundamentals of Leadership
PHYS 203B/253B-4	College Physics/Lab	IMAE 445-3	Computer-Aided Manufacturing
IMAE 110-3	Geometric Dimension/Tolerance	IMAE 450-3	Project Management
IMAE 208-3	Fund of Manufacturing Processes	IMAE 465-3	Lean Manufacturing
IMAE 305-3	Industrial Safety	IMAE 470A-3	Six Sigma Green Belt I
IMAE 307 -or- MATH 140-3	Applied Calc for Tech -or- Short Course in Calc	IMAE 470B-3	Six Sigma Green Belt II
		IMAE 476-3	Supply Chain Design & Strategy
IMAE 340 -or- PSYC 323-3	Intro to Supervision -or- Organizational Psych	IMAE Electives-3	300/400 Level
Total Hours to Bachelor Degree: 134 Hours			

Questions? Contact Us!

Salary Range: \$50,000-\$70,000

Possible Careers: Production Manager
Quality Ctrl Supervisor
Manufacturing Engineer
Industrial Designer
Facilities Manager
Plant Manager
Cost Estimator

Southwestern Illinois College

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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. 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.