



## TRANSFER GUIDE

### AAS Industrial Electronics & Maintenance Tech transferring into BS Industrial Management & Applied Engineering (IMAE)

Rend Lake College Courses			
AAS Industrial Electronics & Maintenance Technician – 65 hours			
ENGL 1101-3	Rhetoric & Composition I	IST 1250-6	Electric Motors and Control Circuits
COMM 1101-3	Principles of Effective Speaking	IST 1265-4	Solid State Electronics
MATH 1108-3	College Algebra	IST 1291-5	Basic Electronics for Technicians
PSYC 2101-3	Intro to Psychology	IST 2230-4	Introduction to PLCs
CSCI 1101-3	Intro to Computers	IST 2231-3	Advanced Programmable Controllers
ELEC 1210-3	National Electric Code	IST 2232-3	Branded Controllers & Industrial PCs
FLPR 1262-5	Fluid Power Fundamentals	IST 2258-4	Automated Control Systems
IST 1221-2	Industrial Safety	MACH 1201-4	Machining Technology I
IST 1230-3	Introduction to Robotics	WELD 1270-4	Introduction to Welding Processes
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering – 71-72 hours			
*Elective-3	Social Science	IMAE 340-3 or PSYC 323-3	Intro to Supervision or Organizational Psych
*Elective-3	Humanities		
*Elective-3	Fine Arts	IMAE 375-3	Production & Inventory Management
*Elective-3	Multicultural	IMAE 390-3	Cost Estimating
PHYS 203/253A-4	College Physics/Lab	IMAE 392-3	Facilities Plan/Workplace Design
PHYS 203/253B-4	College Physics/Lab	IMAE 442-3	Fundamentals of Leadership
IMAE 110-3	Geometric Dimensioning & Tolerancing	IMAE 445-3	Computer-Aided Manufacturing
		IMAE 450-3	Project Management
IMAE 208-3	Fundamentals of Manufacturing Processes	IMAE 465-3	Lean Manufacturing
		IMAE 470A-3	Six Sigma Green Belt
IMAE 305-3	Industrial Safety	IMAE 470B-3	Six Sigma Green Belt II
IMAE 307-3 or MATH 140-4	Applied Calculus for Technology or Short Course in Calculus	IMAE 476-3	Supply Chain Design & Strategy
		IMAE Elective-6	Must be at 300/400 level
<b>Total Hours to Bachelor Degree: 136-137 hours</b>			

\*Can be completed at RLC or SIUC

### Questions? Contact Us!

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

**Possible Careers:** Production Manager  
Manufacturing Engineer  
Quality Engineer  
Plant Manager  
Project Engineer

**Rend Lake College**  
Jena Jensik  
Dean of Enrollment Services  
P: 618-437-5321, ext. 1293  
E: jensikj@rlc.edu

**Southern Illinois University Carbondale**  
Dr. Julie Dunston, Chair  
Department of Technology  
P: 618-536-3396, E: [dunston@siu.edu](mailto:dunston@siu.edu)

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 assumed 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](mailto: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.