

## TRANSFER GUIDE

### AAS Mechanical-Electrical Technology transferring into BS Industrial Management and Applied Engineering

Lake Land College Courses			
AAS Mechanical-Electrical Technology – 65 hours			
ENG 120-3	Composition I	IND 043-4	Refrigeration Fundamentals
MAT 130-3	College Algebra	IND 044-3	Fluid Power
Elective-3	Social Science	IND 052-2.5	Electrical Installation Procedures
Elective-3	Economics	IND 054-3	Trouble Shooting & Previous Maint
APT 050-4	Electrical Principles & Practices	MAT 211-4	Math Analysis
APT 051-4	Solid State Devices & Applications	MET 043-2.5	Motors and Generators (Module I)
CAD 056-2	CAD I	MET 084-3	Technical Mechanisms
CIM 060-3	CNC Machining	MTT 050-3	Introduction to Machining Procedures
CIS 068-2	Computer Apps-Special Topics	TEC 040-2.5	Blueprint Reading for Industry I
EET 072-2	Industrial Control I	WEL 057-2.5	Welding Fundamentals
EET 086-2	Programmable Logic Controllers I	Career Electives-4	Choose from approved courses
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering (IMAE) – 68 hours			
CMST 101-3	Intro to Oral Communication	IMAE 375-3	Production & Inventory Management
Elective-3	Humanities	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 203/253A-4	College Physics/Lab	IMAE 445-3	Computer Integrated Manufacturing
PHYS 203/253B-4	College Physics/Lab	IMAE 450-3	Project Management
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 465-3	Lean Manufacturing
IMAE 208-3	Fundamentals of Mfg Processes	IMAE 470A-3	Six Sigma Green Belt I
IMAE 305-3	Industrial Safety	IMAE 470B-3	Six Sigma Green Belt II
IMAE 340-3 or	Intro to Supervision or	IMAE 476-3	Supply Chain Management
PSYC 323-3	Organizational Psychology	IMAE Electives-6	Must be 300-400 level
Total Hours to Bachelor Degree: 133 hours			

### Questions? Contact Us!

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

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

#### Lake Land College

Michael Beavers, Chair of Technology Division  
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#### Southern Illinois University Carbondale

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School of Applied Engineering & Technology  
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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 Okaytheir 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.