

## TRANSFER GUIDE

**AAS Electrician Apprenticeship transferring into BS Industrial Mgmt & Applied Engineering Quality Management Specialization**

College of DuPage Courses			
AAS Electrician Apprenticeship – 67-70 hours			
SPEEC 1100-3	Fundamentals of Speech Comm	ELECT 1151-4	Electronic Devices & Applications
PSYCH 1100-3	General Psychology	ELECT 2220-3	Elec Instruments Measurements & Ctrl
ENGLI 1101-3	English Composition I	ELMEC 1110-3	Motor & Generator Fundamentals
PHSYI 1201-5	General Physics I	ELMEC 1130-3	Industrial Electricity
MATH 1428-3	College Algebra w/Applications	ELMEC 1150-3	National Electrical Code
Elective-3	Humanities	ELMEC 1190-3	Intro to Programmable Logic Controllers
Elective-2	Contemporary Life Skills	ELMEC 2860-1-4	Internship (Career & Technical Ed)
ELECT 1100-3	Electricity & Electronics Fndmtls	ELMEC 2863-3	Internship (Career & Technical Ed)
ELECT 1101-3	Circuits I	ELMEC 2864-4	Internship (Career & Technical Ed)
ELECT 1120-2	Electronic Docutatn & Fbrication	MANUF 1101-3	Industrial Design/Cad
ELECT 1130-2	Electronics Matl's & Fabrication	MANUF 2280-2	Industrial Safety
ELECT 1141-3	Digital Fundamentals		
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering (IMAE) Quality Management Specialization – 61 hours			
Elective-3	Social Science	IMAE 390-3	Cost Estimating
Elective-3	Life Science	IMAE 392-3	Facilities Planning & Workplace Design
Elective-3	Fine Arts	IMAE 442-3	Fundamentals of Leadership
PHYS 203B, 253B-4	College Physics w/Lab	IMAE 445-3	Computer Integrated Manufacturing
IMAE 110-3	Geographic Dimeng & Tolrncng	IMAE 450-3	Project Management
IMAE 208-3	Fundamentals of Mftg Processes	IMAE 465-3	Lean Manufacturing
IMAE 305-3	Industrial Safety	IMAE 470A-3	Six Sigma Green Belt I
IMAE 307/MATH 140-3	Appl Calc Tech/Short Crs in Calc	IMAE 470B-3	Six Sigma Green Belt II
PSYC 323/IMAE 340-3	Org Psyc/Intro to Supervision	IMAE 476-3	Supply Chain Management
IMAE 375-3	Production & Inventory Mgmt	IMAE Electives-3	300/400 level
Total Hours to Bachelor Degree: 128-131 Hours			

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

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

### Questions? Contact Us!

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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](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.