

## TRANSFER GUIDE

### AAS Welding Specialization transferring into BS Industrial Management and Applied Engineering

Kankakee Community College Courses			
AAS Manufacturing Technology: Welding Specialization – 64 hours			
ENGL 1613-3	English I	MCHN 1323-3	Fabrication
COMM 1553-3	Introductory Speech	MCHN 1442-2	Rigging
MATH 1814-4	College Algebra	WELD 1114-4	Basic Welding
PSYC 1813-3	Intro to Psychology	WELD 1124-4	Advanced Arc Welding
BSNS 2423-3	Internship Experience	WELD 1263-3	Metallurgy and Heat Treatment
MAFT 1112-2	Intro Mfg & Safety	WELD 2044-4	Pipe Welding
MAFT 1222-2	Quality and Measurement	WELD 2124-4	Tungsten Inert Gas Welding
MAFT 1312-2	Intro Mfg Maintenance	WELD 2224-4	Metallic Inert Gas Welding
MAFT 1232-2	Manufacturing Processes	Tech Elective-6	Choose from approved courses
MAFT 1323-3	Lean and Quality Overview	Welding Elect-2	Choose 2: 2062, 2072 & 2172
MCHN 1311-1	Precision Measurement		
Southern Illinois University Carbondale Courses			
BS Industrial Management and Applied Engineering (IMAE) – 68-69 hours			
Elective-3	Fine Arts	IMAE 390-3	Cost Estimating
Elective-3	Multicultural	IMAE 392-3	Facilities Plan & Wrkplce Desgn
PHYS 203/253A-4	College Physics/Lab	IMAE 442-3	Fundamentals of Leadership
PHYS 203/253B-4	College Physics/Lab	IMAE 445-3	Computer-Aided Manufacture
IMAE 110-3	Geom Dimen & Tolerance	IMAE 450-3	Project Management
IMAE 305-3	Industrial Safety	IMAE 465-3	Lean Manufacturing
IMAE 307-3 or MATH 140-4	Applied Calculus for Tech or Short Course in Calculus	IMAE 470A-3	Six Sigma Green Belt I
		IMAE 470B-3	Six Sigma Green Belt II
IMAE 340-3 or PSYC 323-3	Intro to Supervision or Organizational Psychology	IMAE 476-3	Supply Chain Management
IMAE 375-3	Product & Inventory Mgmt	IMAE Elect-6	Must be at 300/400 level
Total Hours to Bachelor Degree: 132-133 hours			

### Questions? Contact Us!

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

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

#### Kankakee Community College

Melanie Green

Transfer Advisor

P: 815-802-8519

E: [mgreen@kcc.edu](mailto:mgreen@kcc.edu)

#### Southern Illinois University Carbondale

Dr. Julie Dunston, Director

School of Applied Engineering & Technology

P: 618-536-3396

E: [dunston@siu.edu](mailto:dunston@siu.edu)

## 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, [must attend an eligible community college](#), and [must select a participating SIU major](#). 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.