

TRANSFER GUIDE

AAS Welding transferring into BS Industrial Management and Applied Engineering

Lake Land College Courses			
AAS Welding – 60.5 hours			
ENG 120-3	Composition I	WEL 049-3	Shielded Metal Arc Welding III
SPE 111-3	Intro to Speech Communication	WEL 053-4	Gas Tungsten Arc Welding/Aluminum
MAT 130-3	College Algebra	WEL 054-2	Gas Tungsten Arc Welding/Stainless Steel
Elective-3	Social Science	WEL 055-3	Pipefitting & Welding
IND 062-1	Rigging and Hoisting	WEL 056-2	Metal Cutting and Fabrication
MTT 050-3	Intro to Machining Procedures	WEL 057-2.5	Welding Fundamentals
SOS 050-2	Human Relations	WEL 058-2	Gas Metal Arc Welding I
TEC 040-2.5	Blueprint Reading for Industry I	WEL 059-3	Gas Metal Arc Welding II
TEC 043-1	Industrial Safety	WEL 060-3	Gas Metal Arc Welding III
TEC 070-2.5	Properties of Metal	WEL 061-3	Gas Tungsten Arc Welding
WEL 047-2	Shielded Metal Arc Welding I	WEL 074-5	Welding S.O.E. (Supervised Occup Exp)
WEL 048-3	Shielded Metal Arc Welding II		
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering (IMAE) – 71-72 hours			
Elective-3	Social Science	IMAE 340-3 or PSYCH 323-3	Intro to Supervision or Organizational Psychology
Elective-3	Humanities		
Elective-3	Life Science	IMAE 375-3	Production & Inventory Management
Elective-3	Fine Arts	IMAE 390-3	Cost Estimating
Elective-3	Multicultural	IMAE 392-3	Facilities Planning & Workplace Design
PHYS 203/253A-4	College Physics/Lab	IMAE 442-3	Fundamentals of Leadership
PHYS 203/253B-4	College Physics/Lab	IMAE 445-3	Computer Integrated Manufacturing
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 450-3	Project Management
IMAE 208-3	Fundamentals of Mfg Processes	IMAE 465-3	Lean Manufacturing
IMAE 305-3	Industrial Safety	IMAE 470A-3	Six Sigma Green Belt I
IMAE 307-3 or MATH 140-4	Applied Calculus for Technology or Short Course in Calculus	IMAE 470B-3	Six Sigma Green Belt II
		IMAE 476-3	Supply Chain Management
		IMAE Elective-6	Must be at 300/400 level
Total Hours to Bachelor Degree: 131.5-132.5 hours			

Questions? Contact Us!

Lake Land College

Michael Beavers, Chair

Technology Division

P: 217-234-5341 | E: mbeavers@lakelandcollege.edu

Southern Illinois University Carbondale

Dr. Julie Dunston, Director

School of Applied Engineering & Technology

P: 618-536-3396 | E: dunston@siu.edu

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

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

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.

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.