



TRANSFER GUIDE

AAS Welding Technology transferring into BS Industrial Management and Applied Engineering

Waubonsee Community College Courses			
AAS Welding Technology – 60 hours			
COM 100-3	Fundamentals Speech Comm	WLD 125-3	Gas Metal Arc & Flux Core Wldg
ENG 101-3	First-Year Composition I	WLD 130-3	Gas Tungsten Arc Welding
ENG 102-3	First-Year Composition II	WLD 200-3	Fabrication & Weld Design
MATH 129-3	Pre-Calculus	WLD 220-3	Shielded Metal Arc Welding II
Elective-3	Social Science	WLD 223-3	Shielded Metal Arc Pipe Welding
WLD 101-3	Blueprint Reading for Welders	WLD 226-3	Gas Tungsten Arc Pipe Welding
WLD 115-3	Oxy-Fuel Welding and Cutting	CAD 122-2	Geometric Dim & Tolerancing
WLD 120-3	Shielded Metal Arc Welding I	Electives-16	Choose from approved courses
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering (IMAE) – 71 hours			
Elective-3	Social Science	PSYC 323-3	Organizational Psychology
Elective-3	Humanities	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Life Science	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 203A/253A-4	College Physics/Lab	IMAE 445-3	Computer Integrated Manufacturing
PHYS 203B/253B-4	College Physics/Lab	IMAE 450-3	Project Management
IMAE 208-3	Manufacturing Processes	IMAE 465-3	Lean Manufacturing
IMAE 305-3	Industrial Safety	IMAE 470A-3	Six Sigma Green Belt I
IMAE 307 or	Applied Calculus for Tech or	IMAE 470B-3	Six Sigma Green Belt II
MATH 140-3	Short Course in Calculus	IMAE 476-3	Supply Chain Management
IMAE 340-3 or	Intro to Supervision or	IMAE Electives-6	(Must be at 300/400 level)
Total Hours to Bachelor Degree: 131 hours			

Questions? Contact Us!

Waubonsee Community College

Ne'Keisha Stepney, Executive Dean

Business, Technology and Workforce Education

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Southern Illinois University Carbondale

Dr. Julie Dunston, Director

School of Applied Engineering & Technology

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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 their 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.