

TRANSFER GUIDE

AAS Industrial Mechanic transferring into BS Industrial Management & Applied Engineering

Prairie State College Courses			
AAS Industrial Mechanic – 62 hours			
ENG 101-3	Composition I	MILL 102-2	Industrial Maintenance Techniques II
COMM 101-3	Principles of Communication	MILL 103-2	Lubrication
MATH 151-4	College Algebra	MILL 105-2	Rigging
PHYSI 120-4	College Physics I	MILL 106-2	Power Train Elements
Elective-3	Social Science	MILL 107-2	Machine Vibration Analysis I
Elective-3	Humanities/Fine Arts	MT 101-3	Machining Basics
CADMD 141-3	Technical Drafting	MT 102-3	Machining Job Planning
DRAFT 115-2	Blueprint Reading for Mech Trades	MT 105-3	Metal Working Processes III
HYDR 101-2	Fundamentals of Hydraulics	PIPE 101-2	Fundamentals of Pipefitting
HYDR 103-2	Hydraulic Controls	PIPE 102-2	Drains, Wastes, and Vents
HYDR 106-2	Pneumatics	WELD 115-3	Basic Arc Welding/Oxyfuel Welding
MILL 101-2	Industrial Maintenance Techniques I	WELD 215-3	Inter Arc Welding/SMAW, GMAW
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering – 64 hours			
Elective-3	Social Science	IMAE 390-3	Cost Estimating
Elective-3	Life Science	IMAE 392-3	Facil Planning & Workplace Design
Elective-3	Fine Arts	IMAE 442-3	Fund of Leadership
Elective-3	Multicultural	IMAE 445-3	Computer Integrated Manufacturing
PHYS 203/253B-4	College Physics with 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 307-3	Applied Calculus	IMAE 476-3	Supply Chain Management
IMAE 340-3	Intro to Supervision	IMAE Elective-3	300/400 Level
IMAE 375-3	Production & Inventory Mgmt		
Capstone Option waives UNIV 101, ENGL 102, 1 HUMANITIES and HUMAN HEALTH requirements			
Total Hours to Bachelor Degree: 126 Hours			

Questions? Contact Us!

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

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

Prairie State College

Georgia Karras, Program Coordinator

P: 708-709-3598

E: gkarras@prairiestate.edu

Southern Illinois University Carbondale

Dr. Julie Dunston, Chair of Department of Technology

P: 618-536-3396

E: 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. 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.