

TRANSFER GUIDE

AAS Automated Manufacturing Systems transferring into BS Industrial Mgmt & Applied Engineering Quality Management Specialization

College of DuPage Courses			
AAS Automated Manufacturing Systems – 68 hours			
SPEEC 1100-3	Fundamentals of Speech Comm	MANUF 1104-2	Technical Mechanics
PSYCH 1100-3	General Psychology	MANUF 1110-3	Metrology
ENGLI 1101-3	English Composition I	MANUF 1121-3	Physical Metallurgy
PHSYI 1201-5	General Physics I	MANUF 1151-3	Machine Shop I
MATH 1428-3	College Algebra w/Applications	MANUF 1180-3	Quality Control
Elective-3	Humanities	MANUF 2201-3	Geometric Dimensioning & Tolerancing
Elective-2	Contemporary Life Skills	MANUF 2202-3	Solid Modeling & Design
ELECT 1100-3	Electricity & Electronics Fndmtls	MANUF 2251-3	Computer Numerical Control (CNC)
ELMEC 1141-3	Hydraulics & Pneumatics	MANUF 2253-3	Computer-Aided Manufacturing (CAM)
ELMEC 1171-3	Intro to Robotic Technology	MANUF 2280-2	Industrial Safety
ELMEC 1190-3	Intro Programmable Logic Ctrlrs	Program Elec-3	Select from MANUF Courses
MANUF 1101-3	Industrial Design/CAD		
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering (IMAE) Quality Management Specialization – 55 hours			
Elective-3	Social Science	IMAE 392-3	Facilities Planning & Workplace Design
Elective-3	Life Science	IMAE 442-3	Fundamentals of Leadership
Elective-3	Fine Arts	IMAE 445-3	Computer Integrated Manufacturing
PHYS 203B, 253B-4	College Physics w/Lab	IMAE 450-3	Project Management
IMAE 305-3	Industrial Safety	IMAE 465-3	Lean Manufacturing
IMAE 307/MATH 140-3	Appl Calc Tech/Short Crs in Calc	IMAE 470A-3	Six Sigma Green Belt I
PSYC 323/IMAE 340-3	Org Psys/Intro to Supervision	IMAE 470B-3	Six Sigma Green Belt II
IMAE 375-3	Production & Inventory Mgmt	IMAE 476-3	Supply Chain Management
IMAE 390-3	Cost Estimating	IMAE Electives-3	300/400 level
Total Hours to Bachelor Degree: 123 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.

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.