

TRANSFER GUIDE

AAS Automation, Robotics, & Mechatronics transferring into BS Industrial Management & Applied Engineering

College of Lake County Courses			
AAS Automation, Robotics, & Mechatronics – 65-67 hours			
CMM 121-3	Fundamentals of Speech	ARM 181,182,183-3	Ind Robot Prog Sys Intgrtn I, II, & III
ENG 121-3	English Composition I	ARM 191,192,193-3	Pneumatics & Hydraulics I, II, & III
MTH 144-5	Precalculus	ARM 196-1	Capstone I
Elective-3	IAI Social & Behavioral Sciences	ARM 197-1	Pneumatics & Hydraulic Systems CS
Elective-3	IAI Humanities/Fine Arts	ARM 198-1	Complete Systems Integration
CLC 120-2	College Success Seminar	ARM 222-3	Manufacturing Process Design
ARM 111,112,113-3	Fund of High Tech Mfg I, II, & III	ARM 226/280-3-4	Prog Auto Tech/Ind IoT Auto Mftg
ARM 116,117,118-3	Mechatronics Graphics I, II, & III	ARM 242-3	Reverse Engr of Mech Systems
ARM 151,152,153-3	Mechanical Systems I, II, & III	ARM 266-3	Advanced Motor Control
ARM 155-1	STEM Workplace Prof Skills	ARM 286/295-2-3	Automtn Pyramid/Mech Troubshoot
ARM 156,157,158-3	Electrical Systems I, II, & III	ARM 288-3	Process Control Technologies
ARM 171,172,173-3	Automation I, II, & III	ARM 299-1	Special Topics: ARM
ARM 174,175,176-3	Automation IV, V, & VI		
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering (IMAE) – 68 hours			
PHYS 203A,253A-4	College Physics w/Lab	IMAE 375-3	Production & Inventory Mgmt
PHYS 203B,253B-4	College Physics w/Lab	IMAE 390-3	Cost Estimating
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
Elective-3	Multicultural	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 Calc for Tech	IMAE 476-3	Supply Chain Management
IMAE 340-3	Intro to Supervision	IMAE Elective-3	300/400 level
Total Hours to Bachelor's Degree: 133-135 hours			

Questions? Contact Us!

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

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

College of Lake County
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Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is assumed current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.



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.