

TRANSFER GUIDE

AAS Mechatronics Engineering Technology transferring to BS Industrial Management & Applied Engineering

John A Logan College Courses			
AAS Mechatronics Engineering Technology – 65 hours			
ORI 100-1	College 101	ELT 112-3	Digital Electronics II
COM 115-3	Speech	ELT 150-4	Applied Solid State Electronics
ENG 101-3	English Composition I	ELT 151-3	Applied Solid State Circuits
MAT 111-5	Pre-Calculus	ELT 214-3	A+ Preparation IT Technician
PHY 155-5	College Physics I	ELT 218-3	Intro to Network Technologies
EGR 101-3	Engineering Graphics	ELT 224-3	Power Distribution and Motors
ELT 102-4	Basic Electricity and Wiring	IDM 210-3	Hydraulics & Pneumatics
ELT 103-4	Applied DC/AC Circuits	MAT 131-5	Calculus I
ELT 104-4	Introduction to VFDs	MFT 103-3	Industrial Robotics & PLCs
ELT 111-3	Digital Electronics	MFT 201-3	PLC Manufacturing Systems
Southern Illinois University Carbondale Courses			
BS Industrial Management and Applied Engineering Quality Management Specialization – 67 hours			
Elective-3	Social Science	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Social Science	IMAE 390-3	Cost Estimating
Elective-3	Humanities	IMAE 392-3	Facilities Plan/Workplace Design
Elective-3	Fine Arts	IMAE 442-3	Fundamentals of Leadership
Elective-3	Multicultural	IMAE 445-3	Computer-Aided Manufacturing
PHYS 203/253A-4	College Physics/Lab	IMAE 450-3	Project Management
PHYS 203/253B-3	College Physics/Lab	IMAE 465-3	Lean Manufacturing
IMAE 110-3	Geometric Dem & Tolerancing	IMAE 470A-3	Six Sigma Green Belt I
IMAE 208-3	Fund of Manufacturing Proc	IMAE 470B-3	Six Sigma Green Belt II
IMAE 305-3	Industrial Safety	IMAE 476-3	Supply Chain Management
IMAE 340-3 -or- PSYC 323-3	Intro to Supervision -or- Organizational Psychology	Electives-6	300/400 Level IMAE Electives
Total Hours to Bachelor Degree: 132 hours			

Questions? Contact Us!

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

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

John A Logan College

Emily Monti
Associate Manager for Curriculum & Instruction
P: 618-985-3741 ext 8514 | E: emilymonti@jalc.edu

Southern Illinois University Carbondale

Dr. Julie Dunston, Director, School of Applied Engineering & Technology
P: 618-453-7988 | 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 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.