



TRANSFER GUIDE

AAS Instrumentation Control Systems Transferring into BS Industrial Management and Applied Engineering (IMAE)

Lewis & Clark Community College Courses			
AAS Instrumentation and Control Systems – 61-63 hours			
SPCH 131 -or- SPCH 145-3	Public Speaking -or- Public & Private Communication	INST 133-6 INST 135-3	Digital Electronics Motor Controls
ENGL 131-3	First Year English I	INST 231-3	PLC Programming
MATH 131-4	College Algebra	INST 233-3	Instrumentation I
PHYS 125-4	Applied Physics I	INST 235-3	Instrumentation II
Elective-3	Humanities/Fine Arts	INST 237-3	Final Control Elements
Elective-3	Social Science	INST 239-3	PID Control
INST 131-3	DC Fundamentals in Electricity	INST 271-1-3	Instrumentation Tech Internship
INST 132-3	AC Fundamentals in Electricity	Elective-10	Approved Electives List
Southern Illinois University Carbondale Courses			
BS Industrial Management and Applied Engineering (IMAE) – Capstone Option – 64-65 hours			
Elective-3	Social Science	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Fine Arts	IMAE 390-3	Cost Estimating
Elective-3	Multicultural	IMAE 392-3	Facilities Plan & Workplace Design
PHYS 203/253B-4	College Physics/Lab	IMAE 442-3	Fundamentals of Leadership
IMAE 110-3	Geom Dimension & Tolerancing	IMAE 445-3	Computer Aided Manufacturing
IMAE 208-3	Manufacturing Processes	IMAE 450-3	Project Management
IMAE 305-3	Industrial Safety	IMAE 465-3	Lean Manufacturing
IMAE 307-3 -or- MATH 140-4	App Calc for Tech -or- Short Course in Calc	IMAE 470A-3	Six Sigma Green Belt I
		IMAE 470B-3	Six Sigma Green Belt II
IMAE 340 -or- PSYC 323-3	Intro to Supervision -or- Organizational Psychology	IMAE 476-3	Supply Chain Management
		IMAE Electives-3	Must be at 300/400 level
Total Hours to Bachelor Degree: 125-128 hours			

Questions? Contact Us!

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

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

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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 attempted to be kept 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.