

TRANSFER GUIDE

AAS Electro-Mechanical Technology transferring into BS Industrial Management and Applied Engineering

College of DuPage Courses			
AAS Electro-Mechanical Technology – 67 hours			
SPEEC 1100-3	Fundamentals of Speech Comm	ELMEC 1110-3	Motor & Generator Fundamentals
ENGLI 1101-3	English Composition I	ELMEC 1141-3	Hydraulics & Pneumatics
MATH 1431-3	Precalculus I	ELMEC 1171-3	Intro to Robotic Technology
PSYCH 1100-3	General Psychology	ELMEC 1190-3	Intro to Programmable Logic Controllers
Elective-3	Humanities	ELMEC 1420-2	Driven Components
ELECT 1100-3	Electricity & Electronics Fund	ELMEC 2410-3	Programmable Controller II (PLC II)
ELECT 1101-3	Circuits I	ELMEC 2510-3	Process & Automation Controls
ELECT 1151-4	Electronic Devices & Applic	ELMEC 2600-3	Motion Control: Motor Dr App & Control
ELMEC 1101-3	Survey of Automation	Electives-7	Program Electives: Electro-Mechanical or Electronics Technology Courses
ELMEC 1106-4	Power Electric & Rot Machines		
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering (IMAE) – 64 hours			
Elective-3	Social Science	IMAE 390-3	Cost Estimating
Elective-3	Life Science	IMAE 392-3	Facilities Planning & Wrkplc Design
Elective-3	Fine Arts	IMAE 442-3	Fundamentals of Leadership
Elective-3	Multicultural	IMAE 445-3	Computer Int Manufacturing
PHYS 203/253B	College Physics w/Lab	IMAE 450-3	Project Management
IMAE 110-3	Geo Dimensioning & Tolerancing	IMAE 465-3	Lean Manufacturing
IMAE 208-3	Fund Manufacturing 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	Elective-3	IMAE Elective, 300-400 level
IMAE 375-3	Production & Inventory Mgmt		
Total Hours to Bachelor Degree: 131 Hours			

Questions? Contact Us!

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

Possible Careers: Production Manager
Quality Ctrl Supervisor
Manufacturing Engineer
Industrial Designer
Facilities Manager
Plant Manager
Cost Estimator

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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.