



TRANSFER GUIDE

AAS Industrial Maintenance Tech transferring into BS Industrial Mgmt & Applied Engineering

Illinois Eastern Community Colleges Courses			
AAS Industrial Maintenance Technology – 60 hours			
ENG 1111-3	Composition I	CERT-16	C501 or C507 and MTH 1201
SPE 1101-3	Fundamentals of Effective Speaking	CERT-16	C502 Certificate
Elective-3	IAI Social Science or Humanities	CERT-16	C503 Certificate
Elective-3	General Education Elective	<i>*Must satisfy the IECC Human Diversity Requirement</i>	
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering (IMAE) – 71-72 hours			
MATH 108-3	College Algebra	IMAE 340-3 or	Intro to Supervision or
Elective-3	Humanities	PSYC 323-3	Organizational Psychology
Elective-3	Social Science	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Life Science	IMAE 390-3	Cost Estimating
Elective-3	Fine Arts	IMAE 392-3	Facilities Planning/Workplace Design
PHYS 203/253A-4	College Physics/Lab	IMAE 442-3	Fundamentals of Leadership
PHYS 203/253B-4	College Physics/Lab	IMAE 445-3	Computer Integrated Manufacturing
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 450-3	Project Management
IMAE 208-3	Manufacturing Processes	IMAE 465-3	Lean Manufacturing
IMAE 305-3	Industrial Safety	IMAE 470A-3	Six Sigma Green Belt I
IMAE 307-3 or	Applied Calculus for Technology or	IMAE 470B-3	Six Sigma Green Belt II
MATH 140-4	Short Course in Calculus	IMAE 476-3	Supply Chain Management
		IMAE Electives-6	Must be at 300/400 level
Total Hours to Bachelor Degree: 131-132 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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Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Each student must complete at least 120 semester hours of credit. Each student must have at least 42 hours in courses that number 300 or above from a four-year institution.

Residence Requirements. Each student must complete the residence requirement by taking the last year, which is defined as 30 uninterrupted semester hours, or a total of 90 semester hours at SIU Carbondale.

Grade Point Average Requirements. Each student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Dual Admission Program

The Dual Admission Program (DAP) allows baccalaureate-oriented students at eligible community colleges to benefit from pre-advisement for a chosen major at SIU Carbondale. The DAP addresses specific departmental requirements that a student may not automatically fulfill by completing their associate degree at their community college. Students apply to the DAP by completing the Application for Undergraduate Admission and indicating interest in the DAP. Students must have at least two semesters remaining at their community college to participate, [must select a participating SIU major](#), and [must attend an eligible community college](#). Students who apply for the DAP are provided a transfer plan that will guide them to the most direct route to their bachelor's degree, along with personalized contact with an SIU representative. Dual Admission Program students receive access to enroll in an online Dual Admission Program course, which connects students early to the University, its resources, and other transfer students.

Compact Agreement

SIU has recognized the Illinois regionally accredited community college transferable baccalaureate oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIU 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). 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.

Degree Works

Degree Works is an easy-to-use, comprehensive, online degree audit tool specifically designed for students. The audit reflects program requirements from the Undergraduate Catalog measured against registration and transfer work to guide the degree audit function as it applies to the individual student. Once admitted to SIU Carbondale, you can run a Degree Works degree audit against your academic record by searching "Degree Works" in [SalukiNet](#).

PROGRAM ARTICULATION DEGREE PLAN			
Illinois Eastern Community College 2022-2023		Southern Illinois University Carbondale	
AAS Industrial Maintenance Technology - 60 hrs		BS Industrial Management and Applied Engineering (IMAE) - 120 hrs	
		UNIVERSITY CORE CURRICULUM (UCC) CAPSTONE OPTION - 30 hrs	
		Hrs	Hrs
ENG 1111	Composition I	3	UNIV 101 Foundations of Inquiry NA
			ENGL 101 English Composition I T
SPE 1101	Fundamentals of Effective Speaking	3	ENGL 102 English Composition II NA
			CMST 101 Intro to Oral Communication T
	IAI Social Science* -OR-	3	MATH 108 College Algebra 3
			SOCIAL SCIENCE See SIUC Transfer Equivalency Guide T
	IAI Humanities*		SOCIAL SCIENCE 3
			HUMANITIES T
			HUMANITIES NA
			PHYS 203A/253A College Physics/Lab 4
			LIFE SCIENCE Students take 2 physics courses NA
			FINE ARTS 3
			HUMAN HEALTH NA
			MULTICULTURAL 3
*The Humanities or Social Science Elective must satisfy the IECC Human Diversity Requirement			
		9	16
Program Requirements		Program Requirements	
Elective	General Education Elective	3	
Choose C501 or C507 Certificate			
C501 Certificate			
INM 1200	Mechanics	3	
INM 1206	Intro to Industrial Maintenance Technology	2	
INM 1210	Blueprints and Schematics	3	
INM 2210	Occupational Safety (OSHA)	1	
INM 2228	Lean Manufacturing	3	
C507 Certificate			
INM 2206	Programmable Controllers I	3	
INM 2207	Robotics Technology	3	
INM 2208	Programmable Controllers II	3	
INM 2211	Mechatronics I	4	
INM 2212	Programmable Controllers III	3	
MTH 1201	Technical Math	4	
C502 Certificate			
INM 1212	CPT Safety	3	
INM 1213	CPT Quality	3	
INM 1214	CPT Manufacturing Process	3	
INM 1215	CPT Maintenance Awareness	3	
C503 Certificate			
EGR 1131	Engineering Graphics and Design	3	
INM 1205	Fluid Power	3	
INM 2200	Electo-Mechanics I	5	
INM 2205	Electo-Mechanics II	5	
		51	
			PHYS 203B/253B College Physics/Lab 4
			IMAE 110 Geometric Dimensioning and Tolerancing 3
			IMAE 208 Manufacturing Processes 3
			IMAE 305 Industrial Safety 3
			IMAE 307 -or- MATH 140 Applied Calculus for Technology -or- Short Course in C 3-4
			IMAE 340 -or- PSYC 323** Intro to Supervision -or- Organizational Psychology 3
			IMAE 375 Production & Inventory Management 3
			IMAE 390 Cost Estimating 3
			IMAE 392 Facilities Planning & Workplace Design 3
			IMAE 442 Fundamentals of Leadership 3
			IMAE 445 Computer Integrated Manufacturing 3
			IMAE 450 Project Management 3
			IMAE 465 Lean Manufacturing 3
			IMAE 470A Six Sigma Green Belt I 3
			IMAE 470B Six Sigma Green Belt II 3
			IMAE 476 Supply Chain Management 3
			IMAE Electives (Must be at 300/400 level) 6
			55-56
Total semester hrs completed w/ AAS degree		60	Total semester hrs completed with BS degree: 71-72
Degree Plan updated on 8/10/2022 by SW			Total semester hours to BS Degree 131-132
			**PSYC 323 is an option for on-campus students only & requires PSYC 102 as a prerequisite