

TRANSFER GUIDE

AAS Robotics Integrated Manufacturing transferring into BS Industrial Management & Applied Engineering

Terra State Community College Courses			
AAS Robotics - Integrated Manufacturing – 62 hours			
HUM 1010-3	Critical Thinking	MET 1040-1	Intro to Hand and Power Tools
ENG 1050-3	College Composition I	MET 1360-3 -or- MET 2200-3	Pneumatics -or- Hydraulics
PHY 1310/1315-4	General Physics with Lab	MET 2600-3	Mechanical Power Transmission
SPE 2010-3	Effective Speaking	MFG 1020-1	Safety
MTH 2310-3	College Algebra	MGT 1100-3	Management & Organization
DLS 1090-3	Digital Literacy & Applications	QCT 1020-2	Blueprint Reading
EET 1050-3	Electricity	ROB 1010-3	Introduction to Robotics
EET 1320-3	AC/DC Machines	ROB 1020-3	Robotic Programming
EET 1500-3	Intro to Process Control	ROB 2040-3	Emerging Technologies in Robotics
EET 2400-4	Motor Controls	ROB 2050-3	Robotics Maint PM & Networking
EET 2440-4	Programmable Controllers		
GEN 1000-1	First Year Seminar		
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering – 61-62 hours			
Elective-3	Social Science	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Social Science	IMAE 392-3	Facilities Planning/Workplace Design
Elective-3	Fine Arts	IMAE 442-3	Fundamentals of Leadership
Elective-3	Multicultural	IMAE 445-3	Computer Integrated Manufacturing
PHYS 203/253B-4	College Physics with Lab	IMAE 450-3	Project Management
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 465-3	Lean Manufacturing
IMAE 140-3 -or- PSYCH 323-3	Organizational Psychology -or- Intro to Supervision	IMAE 470A-3	Six Sigma Green Belt I
		IMAE 470B-3	Six Sigma Green Belt II
IMAE 208-3	Fundamentals of Mfg Processes	IMAE 476-3	Supply Chain Design & Strategy
IMAE 307-3 or MATH 140-4	Applied Calculus for Tech -or- Short Course in Calculus	IMAE Elective-3	Must be at 300/400 level
Total Hours to Bachelor Degree: 123-124 Hours			

Questions? Contact Us!

Terra State Community College

Dr. Andrew Shella, Dean
Technology & Skilled Trades Division
P: 419-559-2450
E: ashella01@terra.edu

Southern Illinois University Carbondale

Dr. Julie Dunston, Chair
Department of Technology
P: 618-536-3396
E: dunston@siu.edu

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

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

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](#).