

TRANSFER GUIDE

AAS Manufacturing Engineering Technology transferring into BS Industrial Management & Applied Engineering

Rock Valley College Courses			
AAS Manufacturing Engineering Technology – 65 hours			
SPH 131-3	Fundamentals of Communication	MET 110-3	Manufacturing Processes I
ENG 101-3	Composition I	MET 111-3	CNC Mach Setup/Oper/Programng
ENG 103/110-3	Composition II/Intro Tech Writing	MET 133-3	Graphics/SolidWorks CAD I
MTH 120-3	College Algebra	MET 146-3	Hydraulics, Pneumatics & PLCs
MTH 125-3	Plane Trigonometry	MET 162-4	Applied Physics
EET 141-4	DC/AC Circuits & Electronics I	MET 217-3	Applied Statics
EET 254-3	Robotics & Automated Systems	MET 218-3	Strength of Materials
MET 100-3	Introductory CAD & Print Reading	MET 243-3	Continuous Improve Manufacturing
MET 105-3	Materials & Processes	MET 249-3	MET Capstone Project
MET 106-3	Metrology	Electives-6	Select from list of approved courses
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering (IMAE) – 74 hours			
Elective-3	Social Science	IMAE 340-3	Intro to Supervision
Elective-3	Social Science	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Humanities	IMAE 390-3	Cost Estimating
PHYS 203A,253A-4	College Physics w/Lab	IMAE 392-3	Facilities Plan & Workplace Design
Elective-3	Life Science	IMAE 442-3	Fundamentals of Leadership
Elective-3	Fine Arts	IMAE 445-3	Computer Integrated Manufacturing
Elective-3	Multicultural	IMAE 450-3	Project Management
PHYS 203B,253B-4	College Physics w/Lab	IMAE 465-3	Lean Manufacturing
IMAE 110-3	Geometric Dimension & Tolerancing	IMAE 470A-3	Six Sigma Green Belt I
IMAE 208-3	Fundamentals of Mfg Processes	IMAE 470B-3	Six Sigma Green Belt II
IMAE 305-3	Industrial Safety	IMAE 476-3	Supply Chain Management
IMAE 307-3	Applied Calc for Tech	IMAE Elective-3	300/400 level
Total Hours to Bachelor Degree: 139 Hours			

Questions? Contact Us!

Rock Valley College

Tim Spielman

Manager of Academic & Transfer Advising

P: 815-921-4104

E: T.Spielman@RockValleyCollege.edu

Southern Illinois University Carbondale

Dr. Julie Dunston, Director

School of Applied Engineering & 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. 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.