



TRANSFER GUIDE

AAS Manufacturing Technology-Precision Machining Transferring into BS Industrial Management & Applied Engineering

Harper College Courses			
AAS Manufacturing Technology – Precision Machining – 60 hours			
ENG 101-3	Composition	MFT 123-4	Intro to CNC Machining
SPE 101-3	Fund of Speech Communication	MFT 125-4	CNC Lathe Operation & Programming
MTH 103-3	College Algebra	MFT 128-4	CNC Mill Operation & Programming
Elective-3	IAI Social Science*	MFT 132-3	Dimensional Metrology
Elective-3	IAI Humanities*	MFT 134-3	Print Reading for Industry
MFT 102-4	Intro to Manufacturing & Safety	MFT 140-3	Quality Assurance
MFT 105-3	Machining Processes I	MFT 210-3	Computer Integrated Manufacturing
MFT 120-3	Machining Processes II	MFT 220-3	Computer Aided Manufacturing
MFT 121-3	Machining Processes III	Tech Electives-5	
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering (IMAE) – 68 hours			
Elective-3	Social Science	IMAE 375-3	Production & Inventory Mgmt
PHYS 203A,253A-4	College Physics w/Lab	IMAE 390-3	Cost Estimating
Elective-3	Life 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 203B,253B-4	College Physics w/Lab	IMAE 450-3	Project Management
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 465-3	Lean Manufacturing
IMAE 208-3	Fund of 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	IMAE Elective-3	300/400 level
Total Hours to Bachelor Degree: 128 hours			

*One course must satisfy a World Cultures & Diversity requirement

Questions? Contact Us!

Harper College

Sean Warren-Crouch, Ph.D.

Transfer Programs Manager

P: 847-925-6310/E: swarrenc@harpercollege.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.