

## TRANSFER GUIDE

### AAS Industrial Technology transferring into BS Industrial Mgmt & Applied Engineering

Parkland College Courses			
AAS Industrial Technology – 71 hours			
ENG 101-3	Composition I	MFT 113-3	Intro to Hydraulics & Pneumatics
COM 103-3	Intro to Public Speaking	MFT 121-3	Basic Machine Processes
MAT 124-4*	College Algebra	MFT 125-3*	Manufacturing Processes
Elective-3	Social Science	MFT 127-4	Intro to CNC Programming
PHY 121-5	General Physics I	MFT 128-3	Quality Assurance
CAD 113-4	Computer-Aided Machine Design I	MFT 131-3	Intro to Manufacturing
CAD 121-3	Materials for Industry	MFT 151-3	Manufacturing Work Experience I
CAD 124-3	Intro to AutoCAD	MFT 152-3	Manufacturing Work Experience II
ELT 150-3	Intro to Electricity & Electronics	MFT 210-3	Industrial Safety
WLD 111-4	Intro to Welding	Electives-6	Choose from concentration courses
MFT 110-3	Mechanical Assemblies	*SIUC recommended courses to fulfill BS degree requirements.	
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering – 59-60 hours			
Elective-3	Social Science	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Humanities	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
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 450-3	Project Management
IMAE 305-3	Industrial Safety	IMAE 465-3	Lean Manufacturing
IMAE 307-3 -or- MATH 140-4	Applied Calculus for Tech -or- Short Course in Calculus	IMAE 470A-3	Six Sigma Green Belt I
		IMAE 470B-3	Six Sigma Green Belt II
IMAE 340-3 -or- PSYC 323-3	Intro to Supervision -or- Organizational Psychology	IMAE 476-3	Supply Chain Design & Strategy
		PHYS 203/253B-4	College Physics/Lab
Total Hours to Bachelor Degree: 130-131 Hours			

### Questions? Contact Us!

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

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

#### Parkland College

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#### Southern Illinois University Carbondale

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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](mailto: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.