

## TRANSFER GUIDE

### AS Computer Science transferring into BS Industrial Management & Applied Engineering

College of Lake County Courses			
AS Computer Science– 61 hours			
CMM 121-3	Fundamentals of Speech	Elective-3	Social Science
ENG 121-3	English Composition I	Elective-3	Social Science
ENG 122-3 -or- ENG 126-3	English Composition II -or- Adv Comp: Sci & Tech Comm	Elective-3	Fine Arts
		CLC 120-2	College Success Seminar
MTH 144-5	Precalculus	MCS 141-4	Computer Science I
HUM 127-3 -or- PHI 122-3	Critical Thinking Logic	MCS 142-3	Computer Science II
		MCS 240-3	Computer Org and Architecture
PHY 121-5*	General Physics I	MTH 145-5	Calculus and Analytic Geometry I
BIO 120-4 -or- BIO 141-4 -or- BIO 161-4	Environmental Biology -or- Concepts in Biology -or- General Biology I	MTH 146-4	Calculus and Analytic Geom II
		PHYS 122-5*	General Physics I
		*Recommended elective to fulfill BS degree requirements	
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering – 59hours			
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 445-3	Computer Integrated Manufacturing
IMAE 208-3	Fundamentals of Mfg Processes	IMAE 450-3	Project Management
IMAE 305-3	Industrial Safety	IMAE 465-3	Lean Manufacturing
IMAE 340-3 -or- PSYC 323-3	Intro to Supervision or Organizational Psychology	IMAE 470A-3	Six Sigma Green Belt I
		IMAE 470B-3	Six Sigma Green Belt II
IMAE 375-3	Production and Inventory Mgmt	IMAE 476-3	Supply Chain Management
IMAE 390-3	Cost Estimating	IMAE Electives-6	Must be at 300/400 level
IMAE 392-3	Facilities Planning/Workplace Design	Electives-11	
IMAE 442-3	Fundamentals of Leadership		
<b>Total Hours to Bachelor Degree: 120 hours</b>			

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

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

### Questions? Contact Us!

College of Lake County

Cindy Kaplan

Transfer Information Coordinator

P: 847-543-2351

E: [ckaplan@clcollinois.edu](mailto:ckaplan@clcollinois.edu)

### Southern Illinois University Carbondale

Dr. Julie Dunston

Chair of Department of Technology

P: 618-536-3396

E: [dunston@siu.edu](mailto:dunston@siu.edu)



## 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.