

TRANSFER GUIDE

AES Engineering & Computer Science transferring into BS Industrial Management & Applied Engineering

College of Lake County Courses			
AES Engineering & Computer Science – 66-67 hours			
ENG 121-3	English Composition I	MTH 246-5	Calculus & Analytic Geometry III
ENG 122/126-3	Engl Comp II/Adv Comp Sci Tec Com	CHM 121-5	General Chemistry I
MTH 145-5	Calculus & Analytic Geometry I	Select 1-1	EGR 120/Concentration/Tech Elective
Elective-3	IAI Social & Behavioral Sciences	EGR 121-3	Engineering Graphics
Elective-3	IAI Social & Behavioral Sciences	EGR 125-3	Engineering Statics
Elective-3	IAI Humanities/Fine Arts	EGR 225-3	Engineering Dynamics
PHY 123-5	Physics for Science & Engineering I	EGR 260-4	Intro to Circuit Analysis
PHY 124-5	Physics for Science & Engineering II	MCS 140/141-3-4	Computer Program I/Computer Sci I
MTH 146-4	Calculus & Analytic Geometry II	CLC 120-2	College Success Seminar
MTH 227-3	Differential Equations		
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering (IMAE) – 60 hours			
CMST 101-3	Intro to Oral Communication	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
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 450-3	Project Management
IMAE 208-3	Fundamentals of Mfg Processes	IMAE 465-3	Lean Manufacturing
IMAE 305-3	Industrial Safety	IMAE 470A-3	Six Sigma Green Belt I
IMAE 307-3	Applied Calc for Tech	IMAE 470B-3	Six Sigma Green Belt II
IMAE 340-3	Intro to Supervision	IMAE 476-3	Supply Chain Management
IMAE 375-3	Production & Inventory Mgmt	IMAE Elective-3	300/400 level
Total Hours to Bachelor's Degree: 126-127 hours			

Questions? Contact Us!

College of Lake County

Cindy Kaplan

Transfer Information Coordinator

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Southern Illinois University Carbondale

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School of Applied Engineering & Technology

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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.