

TRANSFER GUIDE

AAS Electronic and Computer Technology transferring into BS Industrial Mgmt & Applied Engineering

Oakton Community College Courses			
AAS Electronic and Computer Technology – 60 hours			
SPE 103-3	Effective Speech	ELT 223-3	Integrated Circuits
EGL 101-3	Composition I	ELT 225-3	Digital Integrated Circuits
Elective-3	Social Science	ELT 231-3	Fundamentals of Microprocessors
Elective-3	Humanities	MAT 114-3	Applied Mathematics I
ELT 101-5	Intro to Electronics	MAT 116-3	Applied Mathematics II
ELT 106-3	Semiconductor Theory	CNS 105-3	Networking Essentials
ELT 110-4	Electronic Drafting Using CAD	PHY 101-4	Applied Physics
ELT 130-3	Microcomputer HDW Systems	MFG 240-4	Program Logic Controllers (PLC)
ELT 221-3	Digital Circuit Fundamentals	Electives-4	ELT or CNS courses
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering (IMAE) – 68-7 hours			
Elective-3	Social Science	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Fine Arts	IMAE 390-3	Cost Estimating
Elective-3	Multicultural	IMAE 392-3	Facilities Planning/Workplace Design
MATH 108-3	College Algebra	IMAE 442-3	Fundamentals of Leadership
PHYS 203/253B-4	College Physics with Lab	IMAE 445-3	Computer Integrated Manufacturing
MATH 140-3 or IMAE 307-4	Short Course in Calculus Applied Calculus for Tech	IMAE 450-3	Project Management
		IMAE 465-3	Lean Manufacturing
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 470A-B	Six Sigma Green Belt I
IMAE 208-3	Fundamentals of Mfg Processes	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
		IMAE Electives-6	Must be at 300/400 level
Total Hours to Bachelor Degree: 128-131 Hours			

Questions? Contact Us!

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

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

Oakton Community College
Reza Dai, Chair
Computer Networking & Systems
P: 847-376-7778
E: rdai@oakton.edu

Southern Illinois University Carbondale
Dr. Julie Dunston, Director
School of Applied Engineering & Technology
P: 618-536-3396
E: 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.

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.