

TRANSFER GUIDE

AAS Electrical & Computer Engineering transferring into BS Industrial Mgmt & Applied Engineering

Delaware Technical Community College Courses			
AAS Electrical and Computer Engineering Transfer Option – 77 hours			
SSC 100-1	First Year Seminar	ELC 265-4	Intro to Digital Systems
ENG 101-3	Critical Thinking & Academic Writing	ELC 266-4	Analog Circuits I
ENG 102-3	Composition and Research	ELC 272-4	Electronic Circuit Analysis I
CHM 150-5	Chemical Principles I	ELC 275-4	Microprocessor Systems
Elective-3	Social Science	ELC 282-3	Signals and Systems
Elective-3	Social Science	MAT 281-4	Calculus I
CEN 100-3	Intro to Elec & Computer Engr Tech	MAT 282-4	Calculus II
CEN 200-2	Intro to MATLAB	MAT 283-4	Calculus III
CIS 211-4	Data Structures	MAT 292-3	Engineering Math I
CSC 114-4	Computer Science I	PHY 281-4	Physics I w/ Calculus
CSC 164-4	Computer Science II	PHY 282-4	Physics II w/ Calculus
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering – 63 hours			
CMST 101-3	Intro to Oral Communication	IMAE 390-3	Cost Estimating
Elective-3	Humanities	IMAE 392-3	Facilities Planning & Workplace Design
Elective-3	Life Science	IMAE 442-3	Fundamentals of Leadership
Elective-3	Fine Arts	IMAE 445-3	Computer Integrated Manufacturing
Elective-3	Multicultural	IMAE 450-3	Project Management
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 465-3	Lean Manufacturing
IMAE 208-3	Fundamentals of Mfg Processes	IMAE 470A-3	Six Sigma Green Belt I
IMAE 305-3	Industrial Safety	IMAE 470B-3	Six Sigma Green Belt II
IMAE 340-3	Intro to Supervision	IMAE 476-3	Supply Chain Design & Strategy
IMAE 376-3	Supply Chain Operations & Logistics	IMAE Electives-6	Must be at 300/400 level
Total Hours to Bachelor Degree: 140 Hours			

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

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

Questions? Contact Us!

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Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Each student must complete at least 120 semester hours of credit. Each student must have at least 42 hours in courses that number 300 or above from a four-year institution.

Residence Requirements. Each student must complete the residence requirement by taking the last year, which is defined as 30 uninterrupted semester hours, or a total of 90 semester hours at SIU Carbondale.

Grade Point Average Requirements. Each student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Dual Admission Program

The Dual Admission Program (DAP) allows baccalaureate-oriented students at eligible community colleges to benefit from pre-advisement for a chosen major at SIU Carbondale. The DAP addresses specific departmental requirements that a student may not automatically fulfill by completing their associate degree at their community college. Students apply to the DAP by completing the Application for Undergraduate Admission and indicating interest in the DAP. Students must have at least two semesters remaining at their community college to participate, [must select a participating SIU major](#), and [must attend an eligible community college](#). Students who apply for the DAP are provided a transfer plan that will guide them to the most direct route to their bachelor's degree, along with personalized contact with an SIU representative. Dual Admission Program students receive access to enroll in an online Dual Admission Program course, which connects students early to the University, its resources, and other transfer students.

Compact Agreement

SIU has recognized the Illinois regionally accredited community college transferable baccalaureate oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIU 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). 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.

Degree Works

Degree Works is an easy-to-use, comprehensive, online degree audit tool specifically designed for students. The audit reflects program requirements from the Undergraduate Catalog measured against registration and transfer work to guide the degree audit function as it applies to the individual student. Once admitted to SIU Carbondale, you can run a Degree Works degree audit against your academic record by searching "Degree Works" in [SalukiNet](#).