



## TRANSFER GUIDE

### AAS Computer Aided Design Machine transferring into BS Industrial Management & Applied Engineering

<b>Southwestern Illinois College Courses</b>			
<b>AAS Computer Aided Design Machine Specialization – 69 hours</b>			
ENG 101-3	Rhetoric & Composition I	CAD 120-4	Introductory CAD
COMM 151-3	Fundamentals of Public Speaking	CAD 220-3	Advanced CAD I
MATH 112-4	College Algebra	CAD 221-4	Advanced CAD II
Elective-3	Social Science	CAD 222-1	Machine CAD Post Assessment
Course-3	Human Relations Course	CAD 292-3	Supervised Internship III
Course-2	Human Well-Being Course	Spec Courses-16	Machine Specialization Courses
CAD 101-4	Basic Drafting	Spec Courses-12	Machine Specialization Courses
CAD 102-4	Intermediate Drafting		
<b>Southern Illinois University Carbondale Courses Capstone Option</b>			
<b>BS Industrial Management &amp; Applied Engineering (IMAE) – 68 hours</b>			
Elective-3	Social Science	IMAE 375-3	Production & Inventory Management
PHYS 203A,253A-4	College Physics w/Lab	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
PHYS 203B,253B-4	College Physics w/Lab	IMAE 450-3	Project Management
IMAE 110-3	Geometric Dimensioning & Tolerancing	IMAE 465-3	Lean Manufacturing
IMAE 208-3	Fund of Manufacturing Processes	IMAE 470A-3	Six Sigma Green Belt I
IMAE 305-3	Industrial Safety	IMAE 470B-3	Six Sigma Green Belt II
IMAE 307-3	Applied Calc for Tech	IMAE 476-3	Supply Chain Management
IMAE 340-3	Intro to Supervision	IMAE Elective-3	300/400 Level
<b>Total Hours to Bachelor Degree: 137 Hours</b>			

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

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

### Questions? Contact Us!

**Southwestern Illinois College**  
 Bradley Sparks  
 Chief Academic Officer - Interim  
 P: 618-222-5447  
 E: [Bradley.Sparks@swic.edu](mailto:Bradley.Sparks@swic.edu)

**Southern Illinois University Carbondale**  
 Dr. Julie Dunston, Director  
 School of Applied Engineering & 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.