



## TRANSFER GUIDE

### AAS CADD: Design Emphasis transferring into BS Industrial Mgmt & Applied Engineering

Waubonsee Community College Courses			
AAS Computer Aided Design & Drafting: Design Emphasis – 60 hours			
ENG 101-3	First-Year Composition I	CAD 129-3	Commercial Architecture
ENG 102-3	First-Year Composition II	CAD 131-3	Civil Engineering
COM 100-3	Fundamentals of Speech Comm	CAD 240-3	Intro to Parametric Modeling/SolidWorks
MATH 109-3	Algebra for Business/Social Science	CAD 241-3	Intro to Parametric Modeling/Inventor
Elective-3	IAI Social Science	CAD 242-3	Advanced Parametric Modeling/SolidWorks
CAD 102-3	AutoCAD I	CAD 243-3	Advanced Parametric Modeling/Inventor
CAD 120-3	AutoCAD II	CAD 270-3	Product Design and Development
EGR 101-3	Engineering Graphics	CIS 110-3	Business Information Systems
CAD 122-2	Geom Dimensioning & Tolerancing	Program	Choose from any AMT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT or WLD course
CAD 125-3	Microstation I	Electives-4	
CAD 127-3	Residential Architecture		
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering – 68 hours			
Elective-3	Social Science	IMAE 375-3	Production and Inventory Mgmt
Elective-3	Humanities	IMAE 390-3	Cost Estimating
Elective-3	Fine Arts	IMAE 392-3	Facilities Planning/Workplace Design
Elective-3	Multicultural	IMAE 442-3	Fundamentals of Leadership
PHYS 203/253A-4	College Physics with Lab	IMAE 445-3	Computer-Aided Manufacturing
PHYS 203/253B-4	College Physics with Lab	IMAE 450-3	Project Management
IMAE 208-3	Fundamentals of Manufacturing	IMAE 465-3	Lean Manufacturing
IMAE 305-3	Industrial Safety	IMAE 470A-3	Six Sigma Green Belt
IMAE 307-3	Applied Calculus for Technology	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 300/400 Level
<b>Total Hours to Bachelor Degree: 128</b>			

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

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

**Waubonsee Community College**  
**Questions? Contact Us!**  
Sarah Kocunik, Graduation/Transfer Coordinator  
P: 630-466-7900, ext. 2933  
E: [skocunik@waubonsee.edu](mailto:skocunik@waubonsee.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)

**Disclaimer:** You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is assumed current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.

## 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.