

## TRANSFER GUIDE

AAS Integrated Mechatronics & Manufacturing Technology transferring into BS Industrial Management and Applied Engineering

College of DuPage Courses			
AAS Integrated Mechatronics & Manufacturing Technology – 68 hours			
SPEEC 1100-3	Fundamentals of Speech Comm	ELMEC 1190-3	Intro Programmable Logic Controllers
PSYCH 1100-3	General Psychology	ELMEC 2510-3	Process & Automation Controls
ENGLI 1101-3	English Composition I	ELMEC 2520-3	Industrial Control & Data Acquisition
PHSYI 1201-5	General Physics I	MANUF 1101-3	Industrial Design/CAD
MATH 1431-3	Precalculus I	MANUF 1151-3	Machine Shop I
Elective-3	Humanities	MANUF 2251-3	Computer Numerical Control (CNC)
Elective-3	Multicultural	MANUF 2252-3	CNC Operations
ELECT 1100-3	Electricity & Electronics Fndmtls	MANUF 2253-3	Computer-Aided Manufacturing (CAM)
ELECT 1101-3	Circuits I	MANUF 2280-2	Industrial Safety
ELMEC 1110-3	Motor & Generator Fundamentals	Program Elec-7	Choose from ELECT or ELMEC Courses
ELMEC 1141-3	Hydraulics & Pneumatics		
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering (IMAE) – 61 hours			
Elective-3	Social Science	IMAE 390-3	Cost Estimating
Elective-3	Life Science	IMAE 392-3	Facilities Planning & Wrkplc Design
Elective-3	Fine Arts	IMAE 442-3	Fundamentals of Leadership
PHYS 203/253B-4	College Physics w/Lab	IMAE 445-3	Computer Integrated Manufacturing
IMAE 110-3	Geo Dimensioning & Tolerancing	IMAE 450-3	Project Management
IMAE 208-3	Fund of Manufacturing 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	Elective-3	IMAE Elective, 300-400 level
Total Hours to Bachelor Degree: 129 Hours			

### Questions? Contact Us!

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

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

**College of DuPage**  
Andreas Vrettos  
Associate Professor, Electronics Technology  
P: 630-942-3390  
E: [vrettosa@cod.edu](mailto:vrettosa@cod.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.