

## TRANSFER GUIDE

### AAS Engineering Technology: Mechatronics transferring into BS IMAE

Triton College Courses			
AAS Engineering Technology: Mechatronics – 61 hours			
RHT 101-3	Freshman Rhetoric & Comp I	ENT 202-4	Electricity Sustainability Applications
SPE 101-3	Principles of Effective Speaking	ENT 204-3	Programmable Logic Controllers I
MAT 114-3	Plane Trigonometry	ENT 205-4	Robotics I
HTH 104-2	Science of Personal Health	ENT 206-4	Programmable Logic Controllers II
Elective-3	IAI Social Science	ENT 207-4	Robotics II
Elective-3	IAI Humanities	ENT 252-3	Intro to Mechanical AutoCAD
ENT 104-3	Electricity Basic Fundamentals	ENT 260-3	Jig & Fixture Design
ENT 110-4	Engineering Design Graphics/CAD	ENT Electives-9	Choose from approved courses
ENT 115-3	Fluid Power		
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering (IMAE) – 68 hours			
Elective-3	Social Science	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Life Science	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 203A,253A-4	College Physics w/Lab	IMAE 445-3	Computer Integrated Manufacturing
PHYS 203B,253B-4	College Physics w/Lab	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 307-3	Applied Calculus for Technology	IMAE 476-3	Supply Chain Management
IMAE 340-3 or PSYC 323	Intro to Supervision or Organizational Psychology	IMAE Elective-3	Must be at 300/400 level
Total Hours to Bachelor Degree: 129 Hours			

### Questions? Contact Us!

#### Triton College

Antigone Sharris

Program Coordinator

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#### Southern Illinois University Carbondale

Dr. Julie Dunston, Chair

Department of Technology

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

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

## 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, [must attend an eligible community college](#), and [must select a participating SIU major](#). 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.