

## TRANSFER GUIDE

### AAS Welding Engineering Technology transferring into BS Industrial Mgmt & Applied Engineering

City Colleges of Chicago Courses			
AAS Welding Engineering Technology – 62 hours			
ENGLISH 101-3	Composition	340 MFGT 110-3	CNC I Operations
Elective-3	IAI Social & Behavioral Science*	340 MFGT 153-3	Welding I GMAW
Elective-3	IAI Humanities/Fine Arts*	340 MFGT 154-3	Welding II GTAW
MATH 140-4	College Algebra	340 MFGT 171-3	Auto Metrology-Quality Assurance
PHYSICS 231-4	General Physics I	340 MFGT 188-3	Industrial Electricity I
340 MFGT 105-3	Intro to Advanced Manufacturing I	340 MFGT 210-3	Automated Fabrication I
340 MFGT 106-3	Intro to Advanced Manufacturing II	340 MFGT 211-3	Automated Fabrication II
340 MFGT 107-3	Intro to Advanced Manufacturing III	340 MFGT 251-3	Welding III-Advanced Welding
340 MFGT 108-3	Robotics I	340 MFGT 252-3	Welding IV-Inspection
340 MFGT 109-3	Intro to Manual Machining	340 MFGT 274-3	Materials II-Testing & Analysis
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering – 67 hours			
CMST 101-3	Intro to Oral Communication	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Social Science	IMAE 390-3	Cost Estimating
Elective-3	Life Science	IMAE 392-3	Facilities Plan Workplace Design
Elective-3	Fine Arts	IMAE 442-3	Fundamentals of Leadership
Elective-3	Multicultural	IMAE 445-3	Computer Integrated Manufctrng
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 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: 129 hours</b>			

**\*At least 1 course must meet Human Diversity requirement Questions? Contact Us!**

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

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

City Colleges of Chicago



Offered at:

Contact Your [Transfer Center](#) to learn more OR  
[View the CCC Catalog](#)

**Southern Illinois University Carbondale**

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## 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.