

TRANSFER GUIDE

AAS Welding Fabrication Technology transferring to BS Industrial Management & Applied Engineering

| Elgin Community College Courses | | | |
|--|---|--------------------------------|--|
| AAS Welding Fabrication Technology – 62-63 hours | | | |
| ENG 101-3 | English Composition I | WEL 113-3 | Welding Power Sources and Setup |
| ENG 102-3 | English Composition II | WEL 208-4 | Welding III |
| Elective-3 | Mathematics | WEL 210-4 | Welding IV |
| Elective-3 | Social/Behavioral Science | WEL 211 or WEL 212-4 | TIG Welding Techniques or MIG Welding Techniques |
| Elective-3 | *Liberal Ed Course (Humanities/FA) | WEL 213-3 | Welding Metallurgy |
| CAD 101/120, or HAC 109-3-4 | Intro to Engr Design/Intro to Solidworks/Basic Sheet Metal | WEL 214-2 | Cutting Processes |
| IMT 103-3 | Industrial Manufacturing Tech I | WEL 215-4 | Advanced Welding Techniques |
| WEL 101-2.5 | Welding I | WEL 222-4.5 | Blueprint Reading & Fabrication |
| WEL 102-4 | Welding II | Industrial Tech Electives-3 | See Approved List |
| WEL 112-3 | Applied Welding Theory | | |
| Southern Illinois University Carbondale Courses | | | |
| BS Industrial Management & Applied Engineering IMAE – 74 hours | | | |
| CMST 101-3 | Intro: Oral Communications | IMAE 375-3 | Production & Inventory Management |
| Elective-3 | Social Science | 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 203/253A-4 | College Physics/Lab | IMAE 450-3 | Project Management |
| PHYS 203/253B-4 | College Physics/Lab | IMAE 465-3 | Lean Manufacturing |
| IMAE 110-3 | Geom Dimensioning & Tolerancing | IMAE 470A-3 | Six Sigma Green Belt I |
| IMAE 208-3 | Fundamentals of Mfg Processes | IMAE 470B-3 | Six Sigma Green Belt II |
| IMAE 305-3 | Industrial Safety | IMAE 476-3 | Supply Chain Design & Strategy |
| IMAE 307-3 -or- MATH 140-4 | Applied Calc for Tech -or- Short Course in Calc | IMAE Electives-6 | Must be at 300/400 level |
| IMAE 340 -or- PSYC 323-3 | Intro to Supervision -or- Organizational Psych | | |
| Total Hours to Bachelor Degree: 136-137 Hours | | | |

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

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

Questions? Contact Us!

Elgin Community College

Tracy Vittone

Director of Transfer Services

P: 847-214-7548 E: tvittone@elgin.edu

Southern Illinois University Carbondale

Dr. Julie Dunston,

Director, School of Applied Engineering & Technology

P: 618-536-3396 E: jdunston@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.

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.