

## TRANSFER GUIDE

**AAS Welding transferring into BS Industrial Management & Applied Engineering Quality Management Specialization**

| College of DuPage Courses  |                                  |                  |   |
|--|----------------------------------|------------------|---|
| AAS Welding – 68 hours   |                                  |                  |   |
| SPEEC 1100-3   | Fundamentals of Speech Comm      | WELD 1122-3      | Shielded Arc Welding (SMAW)             |
| PSYCH 1100-3   | General Psychology               | WELD 1132-3      | Metal Inert Gas (MIG) Carbon Steel Weld |
| ENGLI 1101-3   | English Composition I            | WELD 1142-3      | Gas Tungsten Arc (TIG)                  |
| PHSYI 1201-5   | General Physics I                | WELD 1151-3      | Pipe Welding & Fabrication              |
| MATH 1428-3  | College Algebra w/Applications   | WELD 1160-3      | Skill Assessment                        |
| Elective-3   | Humanities                       | WELD 2000-2      | Intro to AWS Level 1                    |
| Elective-2   | Contemporary Life Skills         | WELD 2001-3      | AWS Level 1 Shielded Metal Arc Welding  |
| MANUF 1101-3   | Industrial Design/CAD            | WELD 2002-3      | AWS Level 1 Gas Tungsten Arc Welding    |
| MANUF 1151-3   | Machine Shop I                   | WELD 2003-3      | AWS Level 1 Flux Core Arc Welding       |
| WELD 1100-3  | Welding I                        | WELD 2004-3      | AWS Level 1 Gas Metal Arc Welding       |
| WELD 1112-3  | Oxy-Fuel, Welding, Plasma Cut    | Program Elec-5   | Select from list of approved courses    |
| Southern Illinois University Carbondale Courses Capstone Option                                    |                                  |                  |   |
| BS Industrial Management & Applied Engineering (IMAE) Quality Management Specialization – 58 hours |                                  |                  |   |
| Elective-3   | Social Science                   | IMAE 392-3       | Facilities Planning & Workplace Design  |
| Elective-3   | Life Science                     | IMAE 442-3       | Fundamentals of Leadership              |
| Elective-3   | Fine Arts                        | IMAE 445-3       | Computer Integrated Manufacturing       |
| PHYS 203B, 253B-4  | College Physics w/Lab            | IMAE 450-3       | Project Management                      |
| IMAE 110-3   | Geometric Dimension & Toleran    | IMAE 465-3       | Lean Manufacturing                      |
| IMAE 305-3   | Industrial Safety                | IMAE 470A-3      | Six Sigma Green Belt I                  |
| IMAE 307/MATH 140-3  | Appl Calc Tech/Short Crs in Calc | IMAE 470B-3      | Six Sigma Green Belt II                 |
| PSYC 323/IMAE 340-3  | Org Psys/Intro to Supervision    | IMAE 476-3       | Supply Chain Management                 |
| IMAE 375-3   | Production & Inventory Mgmt      | IMAE Electives-3 | 300/400 level                           |
| IMAE 390-3   | Cost Estimating                  |                  |   |
| Total Hours to Bachelor Degree: 126 Hours  |                                  |                  |   |

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

**Possible Careers:** Production Manager  
Quality Ctrl Supervisor  
Manufacturing Engineer  
Industrial Designer  
Facilities Manager  
Plant Manager  
Cost Estimator

### Questions? Contact Us!

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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.