



# TRANSFER GUIDE

## AAS Advanced Manufacturing Technology transferring into BS Industrial Mgmt & Applied Engineering

| <b>Waubonsee Community College Courses</b>                                  |                                      |                 |  |
|---|--------------------------------------|-----------------|--|
| <b>AAS Advanced Manufacturing Technology - 60 hours</b>                     |                                      |                 |  |
| COM 100-3   | Fund of Speech Communication         | MTT 110-3       | Print Reading for Machine Trades       |
| ENG 101-3   | First-Year Composition I             | MTT 111-2       | Metrology/Mechanical Inspection        |
| ENG 102-3   | First-Year Composition II            | MTT 112-3       | Properties of Materials                |
| MTH 109-3   | Algebra for Bus & Soc Science        | MTT 115-3       | Manual Machine Shop Operations         |
| Elective-3  | Social & Behavioral Sciences         | MTT 120-2       | Intro Computer Numerical Control       |
| AMT 100-3   | Intro Manfturing Automation Systms   | MTT 125-3       | CNC Mill Operations & Programming      |
| CIS 110-3   | Business Information Systems         | MTT 126-3       | CNC Lathe Operations & Programng       |
| EGR 101-3   | Engineering Graphics                 | MTT 200-3       | Advanced CNC Programming               |
| MTT 100-1   | Safety Principles                    | Electives-10    | Select from list of approved courses   |
| MTT 108-3   | Machining Fundamentals               |                 |  |
| <b>Southern Illinois University Carbondale Courses Capstone Option</b>      |                                      |                 |  |
| <b>BS Industrial Management &amp; Applied Engineering (IMAE) – 71 hours</b> |                                      |                 |  |
| Elective-3  | Social Science                       | IMAE 375-3      | Production & Inventory Management      |
| Elective-3  | Humanities                           | IMAE 390-3      | Cost Estimating                        |
| PHYS 203A.253A-4  | College Physics w/Lab                | 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      |
| Elective-3  | Multicultural                        | IMAE 450-3      | Project Management                     |
| PHYS 203B,253B-4  | College Physics w/Lab                | IMAE 465-3      | Lean Manufacturing                     |
| IMAE 110-3  | Geometric Dimensioning & Tolerancing | IMAE 470A-3     | Six Sigma Green Belt I                 |
| IMAE 208-3  | Fund of Manufacturing Processes      | IMAE 470B-3     | Six Sigma Green Belt II                |
| IMAE 305-3  | Industrial Safety                    | IMAE 476-3      | Supply Chain Management                |
| IMAE 307-3  | Applied Calc for Tech                | IMAE Elective-3 | 300/400 Level                          |
| IMAE 340-3  | Intro to Supervision                 |                 |  |
| <b>Total Hours to Bachelor Degree: 131 Hours</b>                            |                                      |                 |  |

### Questions? Contact Us!

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

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

#### Waubonsee Community College

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#### 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.