

## TRANSFER GUIDE

### Associate in Applied Science in Mechatronics Engineering Technology transferring into BS Industrial Management and Applied Engineering (IMAE)

| City Colleges of Chicago – Richard J. Daley Courses                   |  |                 |  |
|---|--|-----------------|--|
| AAS Mechatronics Engineering Technology – 62 hours                    |  |                 |  |
| ENGLISH 101-3   | Composition I  | 340 MFGT 110-3  | CNC 1 Operations                       |
| MATH 140-4  | College Algebra  | 340 MFGT 153-3  | Welding 1 GMAW                         |
| ELECTIVE-3  | Social Science   | 340 MFGT 188-3  | Industrial Electricity 1               |
| ELECTIVE-3  | Humanities/Fine Arts   | 340 MFGT 189-3  | Industrial Electricity 2               |
| PHYSICS 231-4   | General Physics  | 340 MFGT 208-3  | Robotics 2 - Robotics Integration      |
| 340 MFGT 105-3  | Intro to Advanced Manufacturing 1                                | 340 MFGT 209 -3 | Computer Aided Manuf (CAM) 1           |
| 340 MFGT 106-3  | Intro to Advanced Manufacturing 2                                | 340 MFGT 287-3  | Maintenance Technologies 1             |
| 340 MFGT 107-3  | Intro to Advanced Manufacturing 3                                | 340 MFTG 288-3  | Industrial Electricity 3 PLC's 1       |
| 340 MFGT 108-3  | Robotics 1   | 340 MFGT 289-3  | Industrial Electricity 4 PLC's 2       |
| 340 MFGT 109-3  | Intro to Manual Machining  | 340 MFGT 290-3  | Process Technology 1                   |
| Southern Illinois University Carbondale Courses Capstone Option       |  |                 |  |
| BS Industrial Management and Applied Engineering (IMAE) – 64-65 hours |  |                 |  |
| CMST 101-3  | Intro to Oral Communication                                      | IMAE 375-3      | Production and Inventory Mgmt          |
| ELECTIVE-3  | Social Science Elective  | IMAE 390-3      | Cost Estimating                        |
| ELECTIVE-3  | Fine Arts Elective   | IMAE 392-3      | Facilities Planning & Workspace Design |
| ELECTIVE-3  | Multicultural Elective   |                 |  |
| PHYS 203/253B-4   | College Physics/Lab  | IMAE 442-3      | Fundamentals of Leadership             |
| IMAE 110-3  | Geom Dimensioning and Tolerancing                                | IMAE 445-3      | Computer Integrated Manuf              |
| IMAE 208-3  | Fundamentals of Manuf Processes                                  | IMAE 450-3      | Project Management                     |
| IMAE 305-3  | Industrial Safety  | IMAE 465-3      | Lean Manufacturing                     |
| IMAE 307-3 -or-<br>MATH 140-4   | Applied Calculus for Technology -or-<br>Short Course in Calculus | IMAE 470A-3     | Six Sigma Green Belt I                 |
|   |  | IMAE 470B-3     | Six Sigma Green Belt II                |
| IMAE 340 -or-<br>PSYC 343   | Intro to Supervision -or-<br>Organizational Psychology           | IMAE 476-3      | Supply Chain Management                |
|   |  | IMAE ELECTIVE-3 | Must be at 300-400 Level               |
| Total Hours to Bachelor Degree: 126-127 Hours                         |  |                 |  |

### Questions? Contact Us!

#### City Colleges of Chicago – Richard J. Daley

David Girzadas

Dean of Advanced Manufacturing

P: 773-838-7786

E: [dgirzadas@ccc.edu](mailto:dgirzadas@ccc.edu)

#### Southern Illinois University Carbondale

Dr. Julie Dunston

Chair of Department of Technology

P: 618-536-3396/E: [dunston@siu.edu](mailto:dunston@siu.edu)

**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. 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.