

TRANSFER GUIDE

AAS Engineering Technology transferring into BS Industrial Mgmt & Applied Engineering

| McHenry County College Courses | | | |
|---|--|-------------------|--|
| AAS Engineering Technology – 68 hours | | | |
| ENG 151-3 | Composition I | IMT 100-3 | Intro to Manufacturing |
| SPE 151-3 | Introduction to Speech | IMT 102-3 | Manufacturing Processes |
| MAT 165-5 | College Algebra w/ Trigonometry | IMT 103-3 | Materials of Industry |
| Gen Ed-3 | IAI Social/Behavioral Science | IMT 104-3 | Blueprint Reading for Manufacturing |
| Gen Ed-3 | IAI Humanities/Fine Arts | IMT 105-3 | Intro to Manual Machining |
| AET 151-3 | Comp Aided Design Graphics I | IMT 106-3 | CNC Programming I |
| AET 152-3 | Comp Aided Design Graphics II | IMT 120-3 | Metrology for Quality |
| AET 171-3 | Parametric Modeling SolidWorks I | IMT 250-3 | Manufacturing Internship |
| AET Electives-6 | Choose from approved courses | Specialization-12 | Automation, Industrial or Mechanical |
| Southern Illinois University Carbondale Courses | | | |
| BS Industrial Management & Applied Engineering – 65 to 66 hours | | | |
| Elective-3 | *IAI Social Science | IMAE 376-3 | Supply Chain Operations & Logistics |
| Elective-3 | *IAI Life Science | IMAE 390-3 | Cost Estimating |
| Elective-3 | *IAI Fine Arts | IMAE 392-3 | Facilities Planning & Workplace Design |
| Elective-3 | *Multicultural | IMAE 442-3 | Fundamentals of Leadership |
| PHYS 203/253A-4 | *College Physics/Lab | IMAE 445-3 | Computer Integrated Manufacturing |
| PHYS 203/253B-4 | *College Physics/Lab | IMAE 450-3 | Project Management |
| IMAE 110 | Geom Dimensioning & Tolerancing | IMAE 465-3 | Lean Manufacturing |
| IMAE 305 | Industrial Safety | IMAE 470A-3 | Six Sigma Green Belt I |
| IMAE 307-3 or MATH 140-4 | Applied Calculus for Technology or Short Course in Calculus | IMAE 470B-3 | Six Sigma Green Belt II |
| | | IMAE 476-3 | Supply Chain Design & Strategy |
| IMAE 340-3 or PSYC 323-3 | Introduction to Supervision or Organizational Psychology | IMAE Electives-3 | Must be at 300/400 level |
| | | | |
| Total Hours to Bachelor Degree: 133 to 134 Hours | | | |

*Courses may be taken at MCC. Consult your academic advisor.

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

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

Questions? Contact Us!

McHenry County College

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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 was updated on 7/24/19; 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. Each student must complete at least 120 semester hours of credit. Each student must have at least 42 hours in courses that number 300 or above from a four-year institution.

Residence Requirements. Each student must complete the residence requirement by taking the last year, which is defined as 30 uninterrupted semester hours, or a total of 90 semester hours at SIU Carbondale.

Grade Point Average Requirements. Each student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Dual Admission Program

The Dual Admission Program (DAP) allows baccalaureate-oriented students at eligible community colleges to benefit from pre-advisement for a chosen major at SIU Carbondale. The DAP addresses specific departmental requirements that a student may not automatically fulfill by completing their associate degree at their community college. Students apply to the DAP by completing the Application for Undergraduate Admission and indicating interest in the DAP. Students must have at least two semesters remaining at their community college to participate, [must select a participating SIU major](#), and [must attend an eligible community college](#). Students who apply for the DAP are provided a transfer plan that will guide them to the most direct route to their bachelor's degree, along with personalized contact with an SIU representative. Dual Admission Program students receive access to enroll in an online Dual Admission Program course, which connects students early to the University, its resources, and other transfer students.

Compact Agreement

SIU has recognized the Illinois regionally accredited community college transferable baccalaureate oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIU 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). 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.

Degree Works

Degree Works is an easy-to-use, comprehensive, online degree audit tool specifically designed for students. The audit reflects program requirements from the Undergraduate Catalog measured against registration and transfer work to guide the degree audit function as it applies to the individual student. Once admitted to SIU Carbondale, you can run a Degree Works degree audit against your academic record by searching "Degree Works" in [SalukiNet](#).