## TRANSFER GUIDE

### AAS Mechanical-Electrical Technology transferring into BS Industrial Management and Applied Engineering

**Questions? Contact Us!**

- **Lake Land College Courses**
  - ENG 120-3: Composition I
  - MAT 130-3: College Algebra
  - Elective-3: Social Science
  - Elective-3: Economics
  - APT 050-4: Electrical Principles & Practices
  - APT 051-4: Solid State Devices & Applications
  - CAD 056-2: CAD I
  - CIM 060-3: CNC Machining
  - CIS 068-2: Computer Apps-Special Topics
  - EET 072-2: Industrial Control I
  - EET 086-2: Programmable Logic Controllers I

**AAS Mechanical-Electrical Technology – 65 hours**

- IND 043-4: Refrigeration Fundamentals
- IND 044-3: Fluid Power
- IND 052-2.5: Electrical Installation Procedures
- IND 054-3: Trouble Shooting & Previous Maint
- MAT 043-2.5: Motors and Generators (Module I)
- MET 043-2.5: Motors and Generators (Module I)
- TEC 040-2.5: Blueprint Reading for Industry I
- WEL 057-2.5: Welding Fundamentals

**Southern Illinois University Carbondale Courses**

- CMST 101-3: Intro to Oral Communication
- Elective-3: Humanities
- Elective-3: Fine Arts
- Elective-3: Multicultural
- PHYS 203/253A-4: College Physics/Lab
- PHYS 203/253B-4: College Physics/Lab
- IMAE 110-3: Geom Dimensioning & Tolerancing
- IMAE 208-3: Fundamentals of Mfg Processes
- IMAE 305-3: Industrial Safety
- IMAE 340-3 or PSYC 323-3: Intro to Supervision or Organizational Psychology
- IMAE Electives-6: Must be 300-400 level

**BS Industrial Management & Applied Engineering (IMAE) – 68 hours**

- IMAE 375-3: Production & Inventory Management
- IMAE 390-3: Cost Estimating
- IMAE 392-3: Facilities Planning & Workplace Design
- IMAE 442-3: Fundamentals of Leadership
- IMAE 445-3: Computer Integrated Manufacturing
- IMAE 450-3: Project Management
- IMAE 465-3: Lean Manufacturing
- IMAE 470A-3: Six Sigma Green Belt I
- IMAE 470B-3: Six Sigma Green Belt II
- IMAE 476-3: Supply Chain Management

**Total Hours to Bachelor Degree: 133 hours**

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

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

**Questions? Contact Us!**

- **Lake Land College**
  - Michael Beavers, Chair of Technology Division
  - P: 217-234-5341
  - E: mbeavers@lakelandcollege.edu

- **Southern Illinois University Carbondale**
  - Dr. Julie Dunston, Director
  - School of Applied Engineering & Technology
  - P: 618-536-3396 | E: dunston@siu.edu

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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 OkaYtheir 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.