

TRANSFER GUIDE

AAS Engineering Technology - CNC transferring into BS Industrial Mgmt & Applied Engineering

Richland Community College Courses			
AAS Engineering Technology - CNC Technology – 69 hours			
COMM 101-3	Public Speaking	ENGT 131-4	Maintenance Fundamentals
ENGL 101-3	English Composition I	ENGT 150-2	Machining Fundamentals
MATH 116-4	College Algebra	ENGT 151-2	Cutting and Workholding
PHYS 101-4	Intro to Physics I	ENGT 160-3	Metrology and Quality Control
Elective-3	Social Science	ENGT 200-3	Industrial Materials
DRAFT 103-4 or DRAFT 236-4	AutoCAD, Introductory or Solid Modeling I	ENGT 213-3	Robotic Fundamentals
		ENGT 250-3	CNC Turning
ENGT 100-3	Manufacturing Processes	ENGT 251-3	CNC Milling
ENGT 101-4	Motor Control Fundamentals	ENGT 252-3	CAM Applications
ENGT 102-3	Blueprint Reading	ENGT 290-3	Workplace Practicum & Seminar or Workplace Simulation & Project or Systems Integration
ENGT 103-3	Fluid Power Fundamentals	ENGT 295-3 or	
ENGT 104-3	CNC Fundamentals	ENGT 299-3	
ENGT 105-3	Occupational Safety		
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering (IMAE) – 61-62 hours			
Elective-3	Social Science	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Humanities	IMAE 390-3	Cost Estimating
Elective-3	Life Science	IMAE 392-3	Facilities Planning/Workplace Design
Elective-3	Fine Arts	IMAE 442-3	Fundamentals of Leadership
Elective-3	Multicultural	IMAE 445-3	Computer Integrated Manufacturing
PHYS 203B/253B-4	College Physics/Lab	IMAE 450-3	Project Management
IMAE 305-3	Industrial Safety	IMAE 465-3	Lean Manufacturing
IMAE 307-3 or MATH 140-4	Applied Calculus for Technology or Short Course in Calculus	IMAE 470A-3	Six Sigma Green Belt I
		IMAE 470B-3	Six Sigma Green Belt II
IMAE 340-3 or PSYC 323-3	Intro to Supervision or Organizational Psychology	IMAE 476-3	Supply Chain Mgmt
		IMAE Electives-6	(Must be at 300/400 level)
Total Hours to Bachelor Degree: 130-131 hours			

Questions? Contact Us!

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

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

Richland Community College
John Oliver, Dean
Workforce Development Division
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Dr. Julie Dunston, Director
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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 th/e 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.