

TRANSFER GUIDE

AAS Diesel and Power Systems Technology transferring into BS Industrial Management and Applied Engineering

Spoon River College Courses			
AAS Diesel and Power Systems Technology – 69.5-74 hours			
ENG 101-3	Composition I	DTT 215-4	Supervised Coop Experience I
MAT 125-3	College Algebra	DTT 220-4	Supervised Coop Experience II
Elective-3	Social/Behavioral Science	DTT 225-3	Introduction to Diesel
Elective-2	Health	DTT 230-3	Intro to Hydraulics & Pneumatics
CSC 101-3	Computer Applications for Business	DTT 235-3	Intro to Transmissions
DTT 101-3	Engine Systems I	HS 110-1 -or-	Safety and the Workplace -or-
DTT 102-3	Engine Systems II	RRT 138-3	Locomotive FRA
DTT 104-3	Starting Circuits	WEL 100-2	Introduction to Welding
DTT 105-3	DC Charging and Other Circuits	Choose 2 from the following:	
DTT 125-9	Tractor Overhaul	DDT 240-4	Advanced Diesel
DTT 130-1	Parts Department Procedures	DDT 245-3 -or-	Advanced Hydraulics -or-
DTT 140-2	Harvesting Equipment	RT 137-4	Locomotive Airbrake
DTT 145-2.5	Vehicle Air Cond. Systems Operations	DDT 250-2.5	Advanced Transmissions
DTT 150-3	Dealership Management		
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management and Applied Engineering (IMAE) – 74-75 hours			
Elective-3	Social Science	IMAE 390-3	Cost Estimating
PHYS 203/253A-4	College Physics/Lab	IMAE 392-3	Facilities Planning & Workplace Design
PHYS 203/253B-4	College Physics/Lab	IMAE 442-3	Fundamentals of Leadership
Elective-3	Life Science	IMAE 445-3	Computer-Aided Manufacturing
Elective-3	Fine Arts	IMAE 450-3	Project Management
Elective-3	Multicultural	IMAE 465-3	Lean Manufacturing
IMAE 110-3	Geometric Dem & Tolerancing	IMAE 470A-3	Six Sigma Green Belt I
IMAE 208-3	Fund of Manufacturing Proc	IMAE 470B-3	Six Sigma Green Belt II
IMAE 305-3	Industrial Safety	IMAE 476-3	Supply Chain Management
IMAE 307-3 -or-	Applied Calc for Technology -or-	IMAE 340 -or-	Intro to Supervision -or-
MATH 140-4	Short Course in Calculus	PSYC 323-3	Organizational Psychology
IMAE 375-3	Production & Inventory Mgmt	IMAE Electives-6	Must be at 300-400 level
Total Hours to Bachelor Degree: 143.5-149 hours			

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

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

Questions? Contact Us!

Spoon River College

Brad O'Brien

Dean, Career and Workforce Education

P: 309-649-6294 E: E: Brad.OBrien@src.edu

Southern Illinois University Carbondale

Dr. Julie Dunston, Director, School of Applied
Engineering & Technology

P: 618-453-7988 | E: dunston@siu.edu

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 to be 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 their 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.