



## TRANSFER GUIDE

### AAS Automation Technology transferring into BS Industrial Management & Applied Engineering

Waubonsee Community College Courses			
AAS Automation Technology – 60 hours			
COM 100-3 or COM 121-3	Fundamentals of Speech Comm or Communication in the Workplace	AMT 122-3	Automated Systems III
ENG 101-3	First-Year Composition I	AMT 130-3	Fluid Power
ENG 102-3	First-Year Composition II	AMT 200-3	Automated Programming, I
MATH 109-3	Algebra for Business/Social Science	AMT 201-3	Automated Programming II
Elective-3	IAI Social Science	CIS 110-3	Business Information Systems
AMT 100-3	Intro to Mfg Automation Systems	EGR 101-3	Engineering Graphics
AMT 102-3	Basic Electricity	MTT 100-1	Safety Principles
AMT 110-3	Machine Fundamentals	MTT 108-3	Machining Fundamentals
AMT 120-3	Automated Systems I	MTT 110-3	Print Reading for the Trades
AMT 121-2	Automated Systems II	MTT 115-3	Manual Machine Shop Operations
		CAD 122-2	Geometric Dimensioning & Toler
Southern Illinois University Carbondale Courses			
BS Industrial Management & Applied Engineering – 71 hours			
Elective-3	Social Science	IMAE 375-3	Production and Inventory Management
Elective-3	Humanities	IMAE 390-3	Cost Estimating
Elective-3	Fine Arts	IMAE 392-3	Facilities Planning/Workplace Design
Elective-3	Multicultural	IMAE 442-3	Fundamentals of Leadership
PHYS 203/253A-4	College Physics with Lab	IMAE 445-3	Computer-Aided Manufacturing
PHYS 203/253B-4	College Physics with Lab	IMAE 450-3	Project Management
IMAE 208-3	Fundamentals of Manufacturing	IMAE 465-3	Lean Manufacturing
IMAE 305-3	Industrial Safety	IMAE 470A-3	Six Sigma Green Belt
IMAE 307-3	Applied Calculus for Technology	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 Design & Strategy
		IMAE Electives-3	Must be 300/400 Level
<b>Total Hours to Bachelor Degree: 131</b>			

### Questions? Contact Us!

#### Waubonsee Community College

Sarah Kocunik, Graduation/Transfer Coordinator  
P: 630-466-7900, ext. 2933

E: [skocunik@waubonsee.edu](mailto:skocunik@waubonsee.edu)

#### Southern Illinois University Carbondale

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