

TRANSFER GUIDE

AAS Electronics Technology transferring into BS Industrial Management & Applied Engineering

Southwestern Illinois College Courses			
AAS Electronics Technology – 68 hours			
ENG 101-3	Rhetoric & Composition I	EET 205-4	Digital Electronic Circuits I
COMM 151-3	Fundamentals in Public Speaking	EET 210-4	Intro to Microprocessors
MATH 112-4	College Algebra	EET 225-4	Microprocessor Interfacing
Elective-3	Humanities	EET 231-4	Intro to Robotics
Elective-3	Human Relations	EET 232-4	Instrumentation Fundamentals
Elective-2	Human Well-Being	EET 250-3	Microcomputer Maint-Beginning
EET 101-5	Intro to Electricity/Electronics	EET 260-3	Communication Electronics I
EET 121-3	Electronic Devices & Circuits	EET 269-2	Electrical & Electronics Capstone
EET 131-3	Electrical Wiring Principles	NETW 101-3	Intro to Networking
EET 200-3	Digital Electronic Circuits I		
Southern Illinois University Carbondale Courses			
BS Industrial Management and Applied Engineering – 65 hours			
Elective-3	Social Science	IMAE 375-3	Production and Inventory Management
Elective-3	Life Science	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 203B/253B-4	College Physics/Lab	IMAE 445-3	Computer-Aided Manufacturing
IMAE 110-3	Geometric Dimension/Tolerance	IMAE 450-3	Project Management
IMAE 208-3	Fund of Manufacturing Processes	IMAE 465-3	Lean Manufacturing
IMAE 305-3	Industrial Safety	IMAE 470A-3	Six Sigma Green Belt I
IMAE 307 -or- MATH 140-4	Applied Calc for Tech -or- Short Course in Calc	IMAE 470B-3	Six Sigma Green Belt II
		IMAE 476-3	Supply Chain Management
IMAE 340 -or- PSYC 323-3	Intro to Supervision -or- Organizational Psych	IMAE Electives-3	300/400 Level
Total Hours to Bachelor Degree: 134 Hours			

Questions? Contact Us!

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

Possible Careers: Production Manager
Quality Ctrl Supervisor
Manufacturing Engineer
Industrial Designer
Facilities Manager
Plant Manager
Cost Estimator

Southwestern Illinois College

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