

PROGRAM ARTICULATION DEGREE PLAN								
Kaskaskia College 2022-2023				Southern Illinois University Carbondale				
AAS Industrial Management - 60 hours				BS Industrial Management and Applied Engineering (IMAE) - 120 hrs				
				UNIVERSITY CORE CURRICULUM (UCC) CAPSTONE OPTION - 30 hrs				
		Hrs			Hrs			
SPCH 103* (Area B Elective)	Fundamentals of Speech	3	UNIV 101	Saluki Success	NA			
ENGL 101*	English Composition I (See note below)	3	CMST 101	Intro to Oral Communication	T			
			ENGL 101	English Composition I	T			
			ENGL 102	English Composition II	NA			
MATH 134	College Algebra	3	MATH 108 (Required for BS degree)	College Algebra	T			
			SOCIAL SCIENCE		3			
PSYH 101 -or- SOCO 101	Psychology -or- Sociology	3	PSYC 102 -or- SOC 108	Intro to Psychology -or- Intro to Sociology	T			
			HUMANITIES		3			
			HUMANITIES		NA			
			PHYS 203/253A (Required for BS degree)	College Physics/Lab	4			
			LIFE SCIENCE		3			
			FINE ARTS		3			
			HUMAN HEALTH		NA			
			MULTICULTURAL		3			
		12			19			
*ENGL 101 fulfills SIUC BS degree Requirement, student may also DFTG 122 (CAD Theory & Practice I-3) or DFTG 129 (Blueprint reading Machine Trades-3) DFTG 122 & 129 do not fulfill UCC requirement at SIUC								
Program Requirements			Program Requirements					
BUSN 103	Intro to Business	3	The AAS degree in Industrial Management as articulated fulfills the 22 hrs of technical elective course requirements for the BS degree in Industrial Management & Applied Engineering (IMAE).					
BUSN 127	Principles of Management	3						
BUSN 128	Principles of Supervision	3						
INDT 110	Fluid Power	3						
INDT 111	Industrial Safety	2						
INDT 122	Print Reading	2						
INDT 132	Introduction to CNC	3						
INDT 190	Industrial Robotics	3						
INDT 210	Engineering Design	3						
INDT 212	Material and Production Control	3						
INDT 213	Quality Control and Improvement	3						
INDT 270	Electrical Safety 70E	2						
INDT 280	Program Control Concepts & Appl.	3						
OFTC 108	Intro to Keyboarding	1						
PHLE 119	Core Values and Ethical Decision Making	1						
DFTG 118	Manufacturing Processes	3				IMAE 208 (Required for BS degree)	Manufacturing Processess	T
CITA 151	Intro to Computer Applications	4				ITEC 229	Computing Business Admin	T
BUSN 201	Business Communication	3				MGMT 202	Business Communications	T
		48				PHYS 203/253B	College Physics/Lab	4
						IMAE 110	Geometric Dimensioning and Tolerancing	3
						IMAE 305	Industrial Safety	3
						IMAE 307 -or- MATH 140	Applied Calc for Tech -or- Short Course in Calc	3
			IMAE 340 -or- PSYC 323**	Intro to Supervision -or- Organizational Psych	3			
			IMAE 375	Production and Inventory Management	3			
			IMAE 390	Cost Estimating	3			
			IMAE 392	Facilities Planning & Workplace Design	3			
			IMAE 442	Fundamentals of Leadership	3			
			IMAE 445	Computer Integrated Manufacturing	3			
			IMAE 450	Project Management	3			
			IMAE 465	Lean Manufacturing	3			
			IMAE 470A	Six Sigma Green Belt I	3			
			IMAE 470B	Six Sigma Green Belt II	3			
			IMAE 476	Supply Chain Management	3			
			IMAE Electives	(Must be at 300/400 level)	6			
					52			
Total semester hrs completed w/ AAS degree		60	Total semester hrs completed w/ BS degree		71			
<i>Degree Plan created on 11/9/22 by LB</i>			Total semester hours to BS degree:		131			