PROGRAM ARTICULATION DEGREE PLAN						
Spoon River College 2023-2024				*Southern Illinois University Carbondale*		
AAS Computer Information Systems - 61 hrs				BS Industrial Management and Applied Engineering (IMAE) - 120 hrs		
				University Core Curriculum (UCC) Capstone Option - 30 hrs		
			Hrs			**Hrs**
				UNIV 101	Saluki Success	NA
COM 103	Speech Communications		3	CMST 101	Intro:Oral Communication	T
ENG 101	English Composition I		3	ENGL 101	English Composition I	T
				ENGL 102	English Composition II	NA
*MAT 125	College Algebra		3	MATH 108 (Required for BS degree)	College Algebra	T
	IAI SOCIAL/BEHAVORIAL SCIENCE		3	SOCIAL SCIENCE	*See SIUC Equivalency Guide*	T
				SOCIAL SCIENCE		3
	IAI HUMANITIES/FINE ARTS		3	HUMANITIES	*See SIUC Equivalency Guide*	T
				HUMANITIES		NA
				PHYS 203/253A (Required for BS degree)	College Physics/Lab	4
				LIFE SCIENCE		3
				FINE ARTS		3
	HEALTH SCIENCE		2	HUMAN HEALTH	*See SIUC Equivalency Guide*	T
				MULTICULTURAL		3
			17			**16**
Program Requirements				**Program Requirements**		
CSC 101	Computer Applications for Business		3			
CIS 107	Intro to Operating Systems		3			
CIS 108	Intro to Computing		3			
CIS 109	Intro to Programming		3			
CIS 136	Networking Essential		3	**The AAS degree in Computer Information Systems as articulated fulfills the 15 hrs of technical electives and the following course requirements for the BS degree in Industrial Management & Applied Engineering.**		
CIS 150	Fundamentals of Networking		3			
CIS 160	Computer Hardware Concepts		3			
CIS 208	Network Security Concepts		3			
CIS 209	Windows Server Operating System		3			
CIS 222	Computer Forensics		3			
CIS 245	Computer Info. Systems Project		4			
CIS 205	CIS Internship		4			
Electives			6			
			44			
				PHYS 203/253B	College Physics/Lab	4
				IMAE 110	Geometric Dimensioning & Tolerancing	3
				IMAE 208	Fundamentals of Manufacturing Processes	3
				IMAE 305	Industrial Safety	3
				IMAE 307 -or- MATH 140	Applied Calc for Tech -or- Short Course in Calc	3-4
*Recommended to fulfill SIUC BS degree requirements				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
				**PSYC 323 is an option for on-campus students only & requires PSYC 102 as a prerequisite		**55-56**
Total semester hrs completed w/ AAS degree			**61**	**Total semester hrs completed w/ BS degree**		**71-74**
Degree plan updated by SW 7/18/2023				**Total hours to BS degree:**		**131-134**