

PROGRAM ARTICULATION DEGREE PLAN						
Harper College 2024-2025		Southern Illinois University Carbondale				
AAS Manufacturing Technology - Supply Chain Management/Logistics - 60 hrs		BS Industrial Management & Applied Engineering (IMAE) - 120 hrs				
		University Core Curriculum (UCC) CAPSTONE OPTION - 30 hrs				
		Hrs	Hrs			
		UNIV 101	Saluki Success			
		CMST 101	Intro: Oral Communication			
ENG 101	Composition	3 ENGL 101	English Composition I			
		ENGL 102	English Composition II			
MTH 103	College Algebra	3 MATH 108	College Algebra			
	IAI Social Science*	3 SOCIAL SCIENCE	(See SIUC Equivalency Guide)			
		SOCIAL SCIENCE	3			
	IAI Humanities*	3 HUMANITIES	(See SIUC Equivalency Guide)			
		HUMANITIES	NA			
		PHYS 203A -and- 253A	College Physics w/Lab			
		LIFE SCIENCE	3			
	IAI Fine Arts*	3 FINE ARTS	(See SIUC Equivalency Guide)			
		HUMAN HEALTH	NA			
*One course must satisfy a World Cultures and Diversity requirement		MULTICULTURAL	3			
		15	16			
Program Requirements		Program Requirements				
MFT 102	Intro to Manufacturing & Safety	4	An AAS in Manufacturing Technology - Supply Chain Management/Logistics as articulated fulfills the 15 hrs of technical elective course requirements for the BS degree in Industrial Management & Applied Engineering (IMAE).			
MFT 104	Quality & Measurement	2				
MFT 109	Intro to Manufacturing Maintenance	2				
MFT 119	Manufacturing Internship	2				
SCM 101	Supply Chain Management	3				
SCM 120	Production Control	3				
SCM 122	Inventory Management	3				
SCM 123	Transportation	3				
SCM 124	Warehouse Operations	3				
SCM 125	Procurement	3				
SCM 126	Demand Planning	3				
SCM 226	Advanced Planning & Integration	3				
Technical Electives		8				
MFT 108	Manufacturing Processes	3		IMAE 208	Fundamentals of Manufacturing Processes	T
		45				
		PHYS 203B -and- 253B	College Physics w/Lab	4		
		IMAE 110	Geometric Dimensioning & Tolerancing	3		
		IMAE 305	Industrial Safety	3		
		IMAE 307	Applied Calc for Tech	3		
		IMAE 340	Intro to Supervision	3		
		IMAE 375	Production & 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 Elective	300/400 level	3		
				49		
Total semester hrs completed w/AAS degree:		60	Total semester hrs completed w/BS degree:	65		
			Total hours to BS Degree:	125		
Degree Plan updated on 5/15/24 by SG						