

PROGRAM ARTICULATION DEGREE PLAN					
McHenry County College	2019-2020		Southern Illinois University Carbondale		
AAS Manufacturing Management - 60 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
ENG 151	Composition I	3	ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
SPE 151	Intro to Speech	3	CMST 101	Intro to Oral Communication	T
MAT 161	College Algebra	3	MATH 108 (Required for BS degree)	College Algebra	T
IAI SOCIAL/BEHAVIORAL SCIENCE	(See SIUC Equivalency Guide)	3	SOCIAL SCIENCE	(See SIUC Equivalency Guide)	T
			SOCIAL SCIENCE		3
			HUMANITIES		3
			HUMANITIES		NA
			PHYS 203/253A (Required for BS degree)	College Physics/Lab	4
			LIFE SCIENCE, GRP II		3
			FINE ARTS		3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		12			19
Program Requirements			Program Requirements		
IMT/MGT 110	Supervisory Responsibility	3	The AAS degree in Manufacturing Management as articulated fulfills the 22 hrs of technical elective course requirements for the BS degree in Industrial Management & Applied Engineering (IMAE). Any unarticulated courses will satisfy general elective credit.		
IMT 112	Training the Trainer	3			
IMT135	Maintenance Management	3			
TECHNOLOGY ELECTIVE	Choose one: AET 151; GRA 100; PRG 105; WEB 105	3			
ELECTIVES	Choose from approved AET or IMT courses	6			
IMT 102	Manufacturing Processes	3	IMAE 208 (Required for BS degree)	Manufacturing Processes	T
IMT 103	Materials of Industry	3	IMAE 1XX	IMAE Tech Elective	T
IMT 104	Blueprint Reading for Manufacturing	3	IMAE 1XX	IMAE Tech Elective	T
IMT 116	Industrial Safety Management	3	IMAE 305 (Required for BS degree)	Industrial Safety	T
IMT 117	Supply Chain Management	3	IMAE 375	Production & Inventory Control	T
IMT 120*	Metrology for Quality	3	IMAE 1XX	IMAE Tech Elective	T
IMT 130* (Recommended Elective)	Facilities Planning/Design	3	IMAE 392 (Required for BS degree)	Facilities Planning & Workplace Design	T
IMT 210	Continuous Improvement Practices	3	IMAE 2XX	IMAE Tech Elective	T
IMT 215	Supply Chain Management II	3	IMAE 2XX	IMAE Tech Elective	T
IMT 261	Technical Portfolio Design I	3	IMAE 2XX	IMAE Tech Elective	T
		48			
*Recommended to fulfill SIUC BS degree requirements					
			PHYS 203B/253B	College Physics/Lab	4
			IMAE 110	Geometric Dimensioning and Tolerancing	3
			IMAE 307 -or- MATH 140	Applied Calculus for Technology -or- Short Course in Calculus	3
			IMAE 340 -or- PSYC 323**	Intro to Supervision -or- Organizational Psychology	3
			IMAE 376	Supply Chain Operations & Logistics	3
			IMAE 390	Cost Estimating	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 Design & Strategy	3
			IMAE Electives	(Must be at 300/400 level)	9
					42
					49
Total semester hrs completed w/ AAS degree		60	Total semester hrs completed w/ BS degree		68
(Student may transfer up to 78 hours of degree applicable coursework.)					
			Total semester hours to BS degree:		128
Degree Plan created on 7/9/19 by MH			**PSYC 323 is an option for on-campus students only & requires PSYC 102 as a prerequisite		