

PROGRAM ARTICULATION DEGREE PLAN					
Southwestern Illinois College 2021-2022		Southern Illinois University Carbondale			
AAS Construction Management Technology - 71 hrs		BS Industrial Management and Applied Engineering (IMAE) Quality Management Specialization - 120 hrs			
		University Core Curriculum (UCC) Capstone Option - 30 hrs			
		Hrs			Hrs
			UNIV 101	Foundations of Inquiry	NA
SPCH 151	Fundamentals of Public Speaking	3	CMST 101	Intro:Oral Communication	T
ENG 101	Rhetoric & Composition I	3	ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
MATH 112*	College Algebra	4	MATH 108	College Algebra	T
	Social Science	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
	Human Relations (IAI Social Science)	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
	Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide	T
			HUMANITIES		NA
PHYS 151	College Physics I	5	PHYS 203A -and- 253A (Required for BS degree)	College Physics w/Lab	T
BIOL 106	Environmental Science	3	SC2 1XX	UCC Science Group II Sub 100-level	T
	Fine Arts	3	FINE ARTS	See SIUC Transfer Equivalency Guide	T
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		30			3
*Recommended for IMAE program					
Program Requirements		Program Requirements			
ACCT 105	Basic Accounting Procedures	3	The AAS degree in Construction Management Technology as articulated fulfills the 22 hrs of technical electives in Industrial Management & Applied Engineering		
CMT 100	Intro to Construction Management	2			
CMT 102	Construction Documents	3			
CMT 103	Materials & Methods I	3			
CMT 105	Computer Applications for Construction	4			
CMT 152	Materials & Methods II	3			
CMT 153	Construction Estimating	3			
CMT 206	Building Systems (MEP)	3			
CMT 257	Planning & Scheduling	3			
CMT 258	Contracts & Claims	3			
CMT 265	Advanced Computer Applications	4			
CMT 268	Project Administration	2			
ENGR 251	Surveying	3			
HES 152	First Aid Medical Self-Help	2			
		41	IMAE 110	Geometric Dimensioning & Tolerancing	3
			IMAE 208	Fundamentals of Manufacturing Processes	3
			PHYS 203B -and- 253B	College Physics w/Lab	4
			PSYC 323 -or- IMAE 340 *	Organizational Psychology -or- Intro to Supervision	3
			IMAE 305	Industrial Safety	3
			IMAE 307 -or- MATH 140	Applied Calculus for Tech -or- Short Course in Calculus	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 Electives	(Must be at 300/400 level)	3
					52
Total semester hrs completed w/AAS degree:		71	Total semester hrs completed w/BS degree:		55
			Total hours to BS degree:		126
			* Note: PSYC 323 instead of IMAE 340 is an option for on-campus students only		
Degree Plan updated on 12/20/2021 by SG					