

PROGRAM ARTICULATION DEGREE PLAN				
College of Lake County AAS CAD Drafting Technology - 65 hrs		Southern Illinois University Carbondale BS Industrial Management & Applied Engineering (IMAE) - 120 hrs		
		University Core Curriculum (UCC) Capstone Option - 30 hrs		
		Hrs	Hrs	
		UNIV 101	Saluki Success	
		3	NA	
CMM 121 (sub for CMM 111)	Fundamentals of Speech	CMST 101	Intro to Oral Communication	
		3	T	
ENG 121 (sub for ENG 120)	English Composition I	ENGL 101	English Composition I	
		3	T	
		ENGL 102	English Composition II	
		3	NA	
MTH 122 (sub for MTH 114)	College Algebra	MATH 108	College Algebra	
		5	T	
ECO 110	Economics for Business & Industry	ECON 113	Economics of Contemporary Social Issues	
		3	T	
SOC 121	Intro to Sociology	SOC 108	Intro to Sociology	
		3	T	
		HUMANITIES	3	
		HUMANITIES	NA	
		PHYS 203A -and- 253A	College Physics w/Lab	
		4	4	
		LIFE SCIENCE	3	
		FINE ARTS	3	
		HUMAN HEALTH	NA	
		MULTICULTURAL	3	
		17	16	
Program Requirements		Program Requirements		
CAD 110	CAD/CAM Concepts	3	The AAS degree in CAD Drafting Technology as articulated fulfills the 15 hrs of technical elective course requirements for the BS degree in Industrial Management & Applied Engineering (IMAE).	
CAD 111	CAD Drafting Applications	4		
CAD 117	Intro to AutoCAD	3		
CAD 170	Intro to Solidworks	3		
CAD 177	Civil Drafting	3		
CAD 178	Intro to Revit	3		
CAD 215	Drafting for MEP	3		
CAD 217	AutoCAD II	3		
CAD 270	Solidworks II	3		
CAD 277	Drafting for Surveyors	3		
CAD 278	Revit II	3		
CAD 287	Drafting for Civil Engineers	3		
CAD 290	Mechanical Drafting	3		
CLC 120	College Success Seminar	2		
MET 214	Mechanical Design & Drafting	3		
CAD 211	Geometric Dimension & Tolerancing	3		
		48		
		IMAE 110		Geometric Dimensioning & Tolerancing
		3	T	
		PHYS 203B -and- 253B	College Physics w/Lab	
		4	4	
		IMAE 208	Fundamentals of Manufacturing Processes	
		3	3	
		IMAE 305	Industrial Safety	
		3	3	
		IMAE 307	Applied Calc for Tech	
		3	3	
		IMAE 340	Intro to Supervision	
		3	3	
		IMAE 375	Production & Inventory Management	
		3	3	
		IMAE 390	Cost Estimating	
		3	3	
		IMAE 392	Facilities Planning & Workplace Design	
		3	3	
		IMAE 442	Fundamentals of Leadership	
		3	3	
		IMAE 445	Computer Integrated Manufacturing	
		3	3	
		IMAE 450	Project Management	
		3	3	
		IMAE 465	Lean Manufacturing	
		3	3	
		IMAE 470A	Six Sigma Green Belt I	
		3	3	
		IMAE 470B	Six Sigma Green Belt II	
		3	3	
		IMAE 476	Supply Chain Management	
		3	3	
		IMAE Elective	300/400 level	
		3	3	
			49	
Total semester hrs completed w/AAS degree:		65	Total semester hrs completed w/BS degree:	
			65	
		Total hours to BS degree:		
			130	
<i>Degree plan updated on 5/24/24 by SG</i>				