PROGRAM ARTICULATION DEGREE					
Waubonsee Community College 2024-2025			Southern Illinois University Carbondale		
AAS Welding Technology - 60 hrs		i		blied Engineering (IMAE) - 120 hrs	
			University Core Curriculum (UCC) Capstone Option - 30 hrs		
		Hrs			Hrs
			UNIV 101	Saluki Success	NA
COM 100	Fundamentals of Speech Communication	3	CMST 101	Intro to Oral Communication	Т
ENG 101	First-Year Composition I	3	ENGL 101	English Composition I	Т
ENG 102	First-Year Composition II	3	ENGL 102	English Composition II	NA
MTH 109	Algebra for Business & Social Science	3	MATH 108	College Algebra	Т
	Social & Behavioral Sciences	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	Т
			SOCIAL SCIENCE		3
			HUMANITIES		3
			HUMANITIES		NA
			PHYS 203A -and- 253A	College Physics w/Lab	4
			LIFE SCIENCE	Students take 2 physics courses	3
			FINE ARTS	Oludents take 2 physics courses	3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		15	WOLTICOLI UKAL		
		15			19
Program Requirements			Program Requirements		
Electives	Select from list of approved courses	15		Technology as articulated fulfills the 15 hrs of technical e	lective course
WLD 101	Blueprint Reading for Welders	3	IMAE 1XX (elective)	IMAE Tech Elective 100-level	Т
WLD 115	Oxy-Fuel Welding & Cutting	3	IMAE 1XX (elective)	IMAE Tech Elective 100-level	Т
WLD 120	Shielded Metal Arc Welding I	3	IMAE 1XX (elective)	IMAE Tech Elective 100-level	Т
WLD 125	Gas Metal Arc & Flux Cored Arc Welding	3	IMAE 1XX (elective)	IMAE Tech Elective 100-level	Т
WLD 130	Gas Tungsten Arc Welding I	3	IMAE 1XX (elective)	IMAE Tech Elective 100-level	Т
WLD 200	Fabrication & Weld Design	3	IMAE 2XX (elective)	IMAE Tech Elective 200-level	Т
WLD 220	Shielded Metal Arc Welding II	3	IMAE 2XX (elective)	IMAE Tech Elective 200-level	Т
WLD 223	Shielded Metal Arc Pipe Welding	3	IMAE 2XX (elective)	IMAE Tech Elective 200-level	T
WLD 225	Gas Tungsten Arc Welding II	3	IMAE 2XX (elective)	IMAE Tech Elective 200-level	T
WLD 226	Gas Tungsten Arc Pipe Welding	3	IMAE 2XX (elective)	IMAE Tech Elective 200-level	Ť
		45			·
		75	PHYS 203B -and- 253B	College Physics w/Lab	4
			IMAE 110	Geometric Dimensioning & Tolerancing	3
			IMAE 208	Fundamentals of Manufacturing Processes	3
			IMAE 305	Industrial Safety	3
			IMAE 303	Applied Calc for Tech	3
					3
			IMAE 340	Intro to Supervision	
			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 4708	Six Sigma Green Belt II	3
			IMAE 476	Supply Chain Management	3
			IMAE Elective	300/400 level	3
					52
Total semester hrs completed w/AAS degree:		60	Total semester hrs completed	w/BS degree:	71
			Total hours to BS degree:		131
Degree Plan updated on 6/3/24 by SG					
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