

PROGRAM ARTICULATION DEGREE PLAN			
Waubensee Community College	2024-2025	Southern Illinois University Carbondale	
AAS Welding Technology - 60 hrs		BS Industrial Management & Applied Engineering (IMAE) - 120 hrs	
		University Core Curriculum (UCC) Capstone Option - 30 hrs	
		Hrs	Hrs
		UNIV 101	Saluki Success
COM 100	Fundamentals of Speech Communication	3	CMST 101
ENG 101	First-Year Composition I	3	ENGL 101
ENG 102	First-Year Composition II	3	ENGL 102
MTH 109	Algebra for Business & Social Science	3	MATH 108
	Social & Behavioral Sciences	3	SOCIAL SCIENCE
			SOCIAL SCIENCE
			HUMANITIES
			HUMANITIES
			PHYS 203A -and- 253A
			LIFE SCIENCE
			FINE ARTS
			HUMAN HEALTH
			MULTICULTURAL
		15	19
Program Requirements		Program Requirements	
Electives	Select from list of approved courses	15	The AAS degree in Welding Technology as articulated fulfills the 15 hrs of technical elective course
WLD 101	Blueprint Reading for Welders	3	IMAE 1XX (elective)
WLD 115	Oxy-Fuel Welding & Cutting	3	IMAE 1XX (elective)
WLD 120	Shielded Metal Arc Welding I	3	IMAE 1XX (elective)
WLD 125	Gas Metal Arc & Flux Cored Arc Welding	3	IMAE 1XX (elective)
WLD 130	Gas Tungsten Arc Welding I	3	IMAE 1XX (elective)
WLD 200	Fabrication & Weld Design	3	IMAE 2XX (elective)
WLD 220	Shielded Metal Arc Welding II	3	IMAE 2XX (elective)
WLD 223	Shielded Metal Arc Pipe Welding	3	IMAE 2XX (elective)
WLD 225	Gas Tungsten Arc Welding II	3	IMAE 2XX (elective)
WLD 226	Gas Tungsten Arc Pipe Welding	3	IMAE 2XX (elective)
		45	
			PHYS 203B -and- 253B
			IMAE 110
			IMAE 208
			IMAE 305
			IMAE 307
			IMAE 340
			IMAE 375
			IMAE 390
			IMAE 392
			IMAE 442
			IMAE 445
			IMAE 450
			IMAE 465
			IMAE 470A
			IMAE 470B
			IMAE 476
			IMAE Elective
			52
Total semester hrs completed w/AAS degree:		60	Total semester hrs completed w/BS degree:
			71
			Total hours to BS degree:
			131
<i>Degree Plan updated on 6/3/24 by SG</i>			