City Colleges of Chicago (Daley)	2024-2025		Southern Illinois Univers	sity Carbondale	
AAS Welding Engineering Technolo		1		t & Applied Engineering (IMAE) - 120 hrs	
	3) 021110	1		um (UCC) - 30 hrs Capstone Option	
		Hrs			Hr
			UNIV 101	Saluki Success	N/
			CMST 101	Intro Oral Communication	3
ENGLISH 101	Composition	3	ENGL 101	English Composition I	Γ
	Composition	5	ENGL 101	English Composition II	N
	College Algebra	4	MATHEMATICS		
MATH 140	IAI Social & Behavioral Science*	_		Con CILIC Transfer Fruitislands Outida	
	IAI Social & Benavioral Science	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	ד
		-	SOCIAL SCIENCE		3
	IAI Humanities/Fine Arts*	3	HUMANITIES	See SIUC Transfer Equivalency Guide	1
			HUMANITIES		N
PHYSICS 231	General Physics I	4	PHYS 203A -and- 253A	College Physics w/Lab	1
			LIFE SCIENCE		3
			FINE ARTS		3
			HUMAN HEALTH		N
			MULTICULTURAL		3
		17			1
*At least 1 course must meet Humar					
	Diversity requirements				
in least i course must most numb					
Program Poquiromente		+	Program Reguirements		
Program Requirements	Intro to Advanced Manufacturing L	-	Frogram Requirements		
340 MFGT 105	Intro to Advanced Manufacturing I	3	4		
340 MFGT 106	Intro to Advanced Manufacturing II	3	4		
340 MFGT 107	Intro to Advanced Manufacturing III	3			
340 MFGT 108	Robotics I	3			
340 MFGT 109	Intro to Manual Machining	3			
40 MFG1 109					
	CNC I Operations	3			
340 MFGT 110		3	The AAS degree in Wel	ding Engineering Technology as articulated fulfill	s the 1
340 MFGT 110 340 MFGT 153	Welding I GMAW	3			
340 MFGT 110 340 MFGT 153 340 MFGT 154	Welding I GMAW Welding II GTAW	3	hrs of technical elect	ive course requirements for the BS degree in Indu	
340 MFGT 110 340 MFGT 153 340 MFGT 154 340 MFGT 171	Welding I GMAW Welding II GTAW Automated Metrology-Quality Assurance	3 3 3	hrs of technical elect		
340 MFGT 110 340 MFGT 153 340 MFGT 154 340 MFGT 171 340 MFGT 188	Welding I GMAW Welding II GTAW Automated Metrology-Quality Assurance Industrial Electricity I	3 3 3 3	hrs of technical elect	ive course requirements for the BS degree in Indu	
340 MFGT 110 340 MFGT 153 340 MFGT 154 340 MFGT 171 340 MFGT 188 340 MFGT 210	Welding I GMAW Welding II GTAW Automated Metrology-Quality Assurance Industrial Electricity I Automated Fabrication I	3 3 3 3 3	hrs of technical elect	ive course requirements for the BS degree in Indu	
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340 MFGT 110           340 MFGT 153           340 MFGT 154           340 MFGT 171           340 MFGT 188           340 MFGT 210           340 MFGT 211           340 MFGT 251	Welding I GMAW Welding II GTAW Automated Metrology-Quality Assurance Industrial Electricity I Automated Fabrication I Automated Fabrication II Welding III - Advanced Welding Welding IV - Inspection	3 3 3 3 3 3 3 3 3 3	hrs of technical elect	ive course requirements for the BS degree in Indu	
340 MFGT 110           340 MFGT 153           340 MFGT 154           340 MFGT 171           340 MFGT 188           340 MFGT 210           340 MFGT 211           340 MFGT 251	Welding I GMAW Welding II GTAW Automated Metrology-Quality Assurance Industrial Electricity I Automated Fabrication I Automated Fabrication II Welding III - Advanced Welding	3 3 3 3 3 3 3 3 3	hrs of technical elect	ive course requirements for the BS degree in Indu	
340 MFGT 110           340 MFGT 153           340 MFGT 154           340 MFGT 171           340 MFGT 188           340 MFGT 210           340 MFGT 211           340 MFGT 251	Welding I GMAW Welding II GTAW Automated Metrology-Quality Assurance Industrial Electricity I Automated Fabrication I Automated Fabrication II Welding III - Advanced Welding Welding IV - Inspection	3 3 3 3 3 3 3 3 3 3	hrs of technical elect	ive course requirements for the BS degree in Indu	
340 MFGT 110           340 MFGT 153           340 MFGT 154           340 MFGT 171           340 MFGT 188           340 MFGT 210           340 MFGT 211           340 MFGT 251	Welding I GMAW Welding II GTAW Automated Metrology-Quality Assurance Industrial Electricity I Automated Fabrication I Automated Fabrication II Welding III - Advanced Welding Welding IV - Inspection	3 3 3 3 3 3 3 3 3 3 3	hrs of technical elect	ive course requirements for the BS degree in Indu gement & Applied Engineering (IMAE).	ustrial
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