

PROGRAM ARTICULATION DEGREE PLAN			
City Colleges of Chicago (Daley) 2024-2025		Southern Illinois University Carbondale	
AAS Electrical Construction Technology - 65.5 hrs		BS Industrial Management & Applied Engineering (IMAE) - 120 hrs	
		University Core Curriculum (UCC) Capstone Option - 30 hrs	
		Hrs	Hrs
		UNIV 101	Saluki Success
		CMST 101	Intro to Oral Communication
ENGLISH 101	Composition	3	ENGL 101 English Composition I
			ENGL 102 English Composition II
			MATH 108 College Algebra
	IAI Social & Behavioral Science*	3	SOCIAL SCIENCE See SIUC Transfer Equivalency Guide
			SOCIAL SCIENCE
	IAI Humanities/Fine Arts*	3	HUMANITIES See SIUC Transfer Equivalency Guide
			HUMANITIES
			PHYS 203A -and- 253A College Physics w/Lab
			LIFE SCIENCE
			FINE ARTS
			HUMAN HEALTH
	IAI Multicultural	3	MULTICULTURAL See SIUC Transfer Equivalency Guide
		12	
*At least 1 course must meet Human Diversity requirement			
<b>Program Requirements</b>		<b>Program Requirements</b>	
IBEW 702	Electrical Circuitry	4.5	The AAS degree in Electrical Construction Technology as articulated fulfills the 15 hrs of technical elective course requirements for the BS degree in Industrial Management & Applied Engineering (IMAE).
IBEW 703	Conduit Bending I	3.5	
IBEW 704	Construction Technology	4.5	
IBEW 705	Print Reading I	3.5	
IBEW 706	Conduit Bending II	3.5	
IBEW 708	Motor Control Systems	3.5	
IBEW 709	Print Reading II	3.0	
IBEW 710	Programmable Control	4.5	
IBEW 712	HVAC Systems	4.5	
IBEW 714	Technical Math I	3.0	
IBEW 715	Technical Math II	3.0	
IBEW 724	Electrical Power Systems	4.5	
IBEW 725	Low Voltage Systems	3.5	
IBEW 727	Photovoltaic Systems	4.5	
		53.5	
			PHYS 203B -and- 253B College Physics w/Lab
			IMAE 110 Geometric Dimensioning & Tolerancing
			IMAE 208 Fundamentals of Manufacturing Processes
			IMAE 305 Industrial Safety
			IMAE 307 Applied Calc for Tech
			IMAE 340 Intro to Supervision
			IMAE 375 Production & Inventory Management
			IMAE 390 Cost Estimating
			IMAE 392 Facilities Planning & Workplace Design
			IMAE 442 Fundamentals of Leadership
			IMAE 445 Computer Integrated Manufacturing
			IMAE 450 Project Management
			IMAE 465 Lean Manufacturing
			IMAE 470A Six Sigma Green Belt I
			IMAE 470B Six Sigma Green Belt II
			IMAE 476 Supply Chain Management
			IMAE Elective 300/400 level
			52
<b>Total semester hrs completed w/AAS degree:</b>		<b>65.5</b>	<b>Total semester hrs completed w/BS degree:</b>
			<b>71</b>
			<b>Total hours to BS degree:</b>
			<b>136.5</b>
Degree Plan updated on 5/17/24 by SG			