

PROGRAM ARTICULATION DEGREE PLAN					
John A. Logan College		2022-2023		Southern Illinois University Carbondale	
AAS Industrial Maintenance - 68 hrs				BS Agricultural Systems & Education (AGSE) - Agricultural Systems Technology Management Specialization - 120 hrs	
				University Core Curriculum (UCC) CAPSTONE OPTION - 30 hrs	
		Hrs		Hrs	
COM 115	Speech	3	UNIV 101	Saluki Success	NA
ENG 101 -or- ENG 113	English Composition I -or- Professional Technical Writing	3	CMST 101	Intro to Oral Communication	T
			ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
MAT 108	College Algebra	4	MATH 108	College Algebra	T
AGR 101	Ag Economics	3	ABE 204	Intro Economics of Food, Fiber & Natural Resources	T
			SOCIAL SCIENCE		3
	Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide	T
			HUMANITIES		NA
			CHEM 106	Chemistry & Society	3
			PLB 115	General Biology	3
			FINE ARTS		3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		16			15
Program Requirements				Program Requirements	
CMG 107	Construction Document Interpretation	3	Any courses not articulated will be used to satisfy general elective credit		
CMG 110	Wood Frame Construction I	4			
DRT 185	Computer Graphics I	2			
ELT 102	Basic Electricity & Wiring	4			
ELT 224	Power Distribution & Motors	3			
HAC 107	Electrical Controls & Circuitry	3			
HAC 121	Heating I	4			
HAC 131	Refrigeration & Air Conditioning I	4			
IDM 120	Safety & Environmental Mgmt	2			
IDM 210	Hydraulics & Pneumatics	3			
MAC 200	Machine Tool Lab	4			
MFT 103	Industrial Robots & PLCs	3			
MFT 201	PLC Manufacturing Systems	3			
ORI 100	College 101	1			
WEL 121	SMAW (STICK) Plate Welding I	3			
WEL 122	GMAW (MIG) Plate Welding	3			
ELT 150	Applied Solid State Electronics	3			
		52			
			AGSE 318	Computers in Agriculture	3
			AGSE 361	Intro to Control Programming	3
			AGSE 371	Physics in Agriculture	4
			AGSE 375	Intro to Agricultural Systems	3
			AGSE 497 -or- ABE 360	Ag Operations Mgmt -or- Agbus Mgmt & Organization	3
			AGSE Courses: Select 18 hours from:	AGSE 372, 463, 472, 473, 476, 483, 488, 495	18
			ANS 121 -and- 122 -or- CSEM 200	Intro to Animal Science w/Lab -or- Intro to Crop Science	3
			Electives	300/400 level	8
					45
Total semester hrs completed w/AAS degree:		68	Total semester hrs completed w/BS degree:		60
			Total to BS degree:		128
<i>Degree Plan updated on 11/23/22 by SG</i>					