

PROGRAM ARTICULATION DEGREE PLAN					
Carl Sandburg College 2022-2023		Southern Illinois University Carbondale			
AAS Industrial Maintenance - 60 hrs		BS Technical Resource Management (TRM) - 120 hrs			
		University Core Curriculum (UCC) Capstone Option - 30 hrs			
		Hrs		Hrs	
SPE 120	Intro to Public Speaking	3	UNIV 101	Foundations of Inquiry	NA
			CMST 101	Intro:Oral Communication	T
			ENGL 101	English Composition I	3
			ENGL 102	English Composition II	NA
PSY 101 or SOC 101	Intro to Psychology or Intro to Sociology	3	MATHEMATICS		3
			PSYC 102 or SOC 108	Intro to Psychology or Intro to Sociology	T
			SOCIAL SCIENCE		3
			HUMANITIES		3
			HUMANITIES		NA
			PHYSICAL SCIENCE, GRP 1		3
			LIFE SCIENCE, GRP 2		3
			FINE ARTS		3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		6		24	
Program Requirements		Program Requirements			
BOC 107	Tech Skills for Business Environment	3	The AAS degree in Industrial Maintenance meets the Career Electives requirement of 42 hours.		
BUS 100	Intro to Business	3			
DRF 100	Basic Drafting	2			
ELT 100	Electrical Fundamentals	3			
ELT 107	Digital Logic & Circuits	3			
ELT 119	Industrial Electronic Control	3			
ELT 212	Industrial Electricity	3			
HYD 101	Hydraulics and Pneumatics	3			
ICT 110	Computer Software Applications	3			
MAT 101	Technical Mathematics I	3			
MAT 102	Technical Mathematics II	3			
MFG 100	Intro to Welding	3			
MFG 125	Industrial Blueprints	3			
MFG 130	Industrial Safety	2			
MTL 101	Machine Tool Fundamentals I	3			
MTL 103	Manufacturing Processes	2			
PHY 110	Applied Physics	3			
Select 1 Track to Complete		6			
WEL 160 and WEL 162	Oxyacetylene Welding & Metal Preparation				
ELT 209 and ELT 213	AC/DC Drives & Servos and Process Control & Instrumentation				
		54			
			TRM 316	Applications of Technical Communication	3
			TRM 364	Work Center Management	3
			TRM 383	Data Applications & Interpretation	3
			TRM 425	Operations Management	3
			TRM 464	Managing for Quality	3
			TRM 470	Project Management	3
			TRM Support Courses	Select 2 from TRM 332, 361, 362, 363, 421, 426, 440	6
			Approved Electives	300/400 Level	15
			TRM 319, 320, 350, 358	As necessary to meet 42 senior institution hour requirement	3
					42
Total semester hrs completed w/AAS degree		60	Total semester hrs completed w/BS degree		66
			Total hours to BS degree:		126

Degree plan created by SW 7/25/2022