

PROGRAM ARTICULATION DEGREE PLAN					
Shawnee Community College 2022-2023			Southern Illinois University Carbondale		
AAS Heating/Ventilation/AC/Refrigeration (HVACR) 61 hrs			BS Technical Resource Management (TRM) - 120 hrs		
			University Core Curriculum (UCC) CAPSTONE OPTION - 30 hrs		
		Hrs			Hrs
SPC 111	Speech	3	UNIV 101	Foundations of Inquiry	NA
ENG 111	English Composition I	3	CMST 101	Intro to Oral Communication	T
MAT 110	General Education Math	4	ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
PSY 211	Intro to Psychology	3	MATH 101	Intro Contemporary Math	T
			PSYC 102	Intro to Psychology	T
			SOCIAL SCIENCE		3
			HUMANITIES		3
			HUMANITIES		NA
			PHYSICAL SCIENCE		4
			LIFE SCIENCE		3
			FINE ARTS		3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		13			19
Program Requirements			Program Requirements		
BEL 161	Basic Electricity I	3	<p style="text-align: center;">Completion of an AAS degree from an accredited institution meets the 42 hours of lower division technical career electives required for the BS in Technical Resource Management. An approved apprenticeship or a maximum of 30 semester hours of internship, work experience credit, or independent study may be included.</p>		
BEL 162	Basic Electricity II	3			
COM 111	Business Computer Systems	4			
HAC 111	Basic Sheet Metal Layout	3			
HAC 113	Electrical Controls and Circuitry	3			
HAC 130	Commercial Refrigeration I	3			
HAC 160	Air Conditioning I	3			
HAC 211	Advanced Sheet Metal Layout	2			
HAC 212	Advanced Heating Systems	3			
HAC 213	Advanced Electrical Controls and Circuitry	3			
HAC 220	Installation of HVAC Systems	3			
HAC 230	Commercial Refrigeration II	3			
HAC 260	Air Conditioning II	3			
HEA 160	Heating I	3			
HEA 260	Heating II	3			
OSH 102	OSHA General Industry	3			
		48			
			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, 421, 426, 440	6
			TRM Electives	Must be at 300/400 level	18
					42
Total semester hrs completed w/ AAS degree:		61	Total semester hrs completed w/ BS degree:		61
			Total to degree:		122
<i>Degree plan created 11/21/2022 by LW</i>					
<i>edited 2/3/2023 by SW</i>					