PROGRAM ARTICULATION DEGR	LL FLAN				
Elgin Community College 2022-2	023		Southern Illinois University Carbo	ndale	
AAS Energy Management - Renewable Energy - 67 hrs			BS Technical Resource Management (TRM) - 120 hrs		
-			University Core Curriculum (UCC)	CAPSTONE OPTION - 30 hrs	
		Hrs	, ,		Hrs
			UNIV 101	Saluki Success	NA
			CMST 101	Intro:Oral Communication	3
ENG 101	English Composition I	3	ENGL 101	English Composition I	T
ENG 102	English Composition II	3	ENGL 102	English Composition II	Ť
IMT 107-or-MATH 112*	Technical Math I -or- College Algebra	4	MATHEMATICS	(See SIUC Equivalency Guide)	Ť
SOCIAL/BEHAVIORAL SCIENCE	(See SIUC Equivalency Guide)	3	SOCIAL SCIENCE	(See SIUC Equivalency Guide)	Ť
	(SSS SISS Equivalency Salas)		SOCIAL SCIENCE	(000 0100 Equitability Calab)	3
HUMANITIES/FINE ARTS**	(See SIUC Equivalency Guide)	3	HUMANITIES	(See SIUC Equivalency Guide)	T
	(CCC CIOC Equivalency Guide)		HUMANITIES	(Occ 0100 Equivalency Galacy	NA
			PHYSICAL SCIENCE		4
			LIFE SCIENCE		3
			FINE ARTS		3
			HUMAN HEALTH		NA
*MTH 112 articulates as a Mathema	atics LICC requirement at SILIC		MULTICULTURAL		3
**Liberal Education Course	nies 000 requirement at 5100	16	MOETIOOETOTOL		19
Elberal Education Course		- 10			13
Program Requirements			Program Requirements		
ECS 111	Intro to Photovoltaic Systems	3	Togram Requirements		
ECS 112	Survey of Renewable Energy Systems	2			
ECS 113	Energy Auditing	3			
ECS 116	Intro to Wind Energy	3	-		
ECS 117	Intro to Sustainable Heating Systems	3			
ECS 118	Photovoltaic System Application	3			
ECS 119	Wind Turbine Service	3			
ECS 202	Commercial Load Calculations	3	Δn ΔΔS in Energy Management-R	Renewable Energy from an accredited institution meets this requi	rement
HAC 101	Air Conditioning and Refrigeration I	3	An approved apprenticeship or a maximum of 30 semester hours of internship, work experience credi		
HAC 102	Air Conditioning and Refrigeration II	4		pendent study may be part of these 42 hours.	rcuit, or
HAC 103	Basic Heating Gas/Oil	3	independent study may be part of these 42 nours.		
HAC 110	Dasic Heating Gas/Oil				
HAC 114	Hoot Dumps & Floatrical Hoot		1		
IST 105	Heat Pumps & Electrical Heat	3			
IST 140	Basic Electricity and HVACR Controls	3			
151 140	Basic Electricity and HVACR Controls Electrical Control Circuits	3 3 3			
ICT 440	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I	3 3 3 3			
IST 142	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3			
IST 142 IST 235	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I	3 3 3 3 3 3			
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3	TDM 240	Applications of Technical Communication	
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3 3	TRM 316	Applications of Technical Communication	3
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3 3	TRM 364	Work Center Management	3
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3 3	TRM 364 TRM 383	Work Center Management Data Applications & Interpretation	3
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3 3	TRM 364 TRM 383 TRM 425	Work Center Management Data Applications & Interpretation Operations Management	3 3 3
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3 3	TRM 364 TRM 383 TRM 425 TRM 464	Work Center Management Data Applications & Interpretation Operations Management Managing For Quality	3 3 3 3
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3 3	TRM 364 TRM 383 TRM 425 TRM 464 TRM 470	Work Center Management Data Applications & Interpretation Operations Management Managing For Quality Project Management	3 3 3 3
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3 3	TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Select 2:	Work Center Management Data Applications & Interpretation Operations Management Managing For Quality Project Management TRM 332; 361; 362; 421; 426; 440	3 3 3 3 3 6
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3 3	TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Select 2: Approved Electives	Work Center Management Data Applications & Interpretation Operations Management Managing For Quality Project Management TRM 332; 361; 362; 421; 426; 440 300/400 level	3 3 3 3 6 15
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3 3	TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Select 2:	Work Center Management Data Applications & Interpretation Operations Management Managing For Quality Project Management TRM 332; 361; 362; 421; 426; 440	3 3 3 3 6 15 3
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II	3 3 3 3 3 3	TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Select 2: Approved Electives	Work Center Management Data Applications & Interpretation Operations Management Managing For Quality Project Management TRM 332; 361; 362; 421; 426; 440 300/400 level	3 3 3 3 6 15
IST 235	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II AC Drives	3 3 3 3 3 3 51	TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Select 2: Approved Electives TRM 319, 320, 350, 358	Work Center Management Data Applications & Interpretation Operations Management Managing For Quality Project Management TRM 332; 361; 362; 421; 426; 440 300/400 level As necessary to meet 42 senior institution hour requirement	3 3 3 3 6 15 3
	Basic Electricity and HVACR Controls Electrical Control Circuits Programmable Controllers I Programmable Controllers II AC Drives	3 3 3 3 3 3 51	TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Select 2: Approved Electives	Work Center Management Data Applications & Interpretation Operations Management Managing For Quality Project Management TRM 332; 361; 362; 421; 426; 440 300/400 level As necessary to meet 42 senior institution hour requirement	3 3 3 3 6 15 3