

Refrigeration & Air Conditioning Certificate Two Semester Pathway Academic Year 2025-2026

Semester 1	Requirements	Recommendations	Prerequisites	Corequisites	Credits	My Plan
FIGS 100	Student Success Elective - Industrial Technology & Transportation Pathway				1	
AEDD 100	Print Reading		MATH 040		3	
ELEC 100	Basic Electrical Principles - HVAC		HVAC Program Acceptance		3	
HVAC 120	Basic Refrigeration		HVAC Program Acceptance	MATH 040	7	ĺ
	Mathematics Elective (100 level or higher)		MATH 040		3	
Semester 2						
ENGL 100	English Composition		ENGL 080		3	
HVAC 220	Basic Air Conditioning		ELEC 100, HVAC 120		7	ĺ
	Science Elective with Lab		See course prerequisites	See course corequisites	4	
WELD 100	Introduction to Welding				3	
				Total Credits	34	_



Refrigeration & Air Conditioning, Certificate

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Required Courses									
COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET					
English Composition	ENGL 080		3						
Student Success Elective - Industrial Technology & Transportation Pathway			1						
Mathematics Elective (100 level or higher)	MATH 040		3						
Science Elective with Lab			4						
Print Reading	MATH 040		3						
Basic Electrical Principles - HVAC	HVAC program acceptance		3						
Basic Refrigeration	HVAC program acceptance	MATH 040	7						
Basic Air Conditioning	ELEC 100, HVAC 120		7						
Introduction to Welding			3						
	COURSE TITLE English Composition Student Success Elective - Industrial Technology & Transportation Pathway Mathematics Elective (100 level or higher) Science Elective with Lab Print Reading Basic Electrical Principles - HVAC Basic Refrigeration Basic Air Conditioning	COURSE TITLE PREREQUISITES English Composition ENGL 080 Student Success Elective - Industrial Technology & Transportation Pathway Mathematics Elective (100 level or higher) MATH 040 Science Elective with Lab Print Reading MATH 040 Basic Electrical Principles - HVAC HVAC program acceptance Basic Refrigeration HVAC program acceptance Basic Air Conditioning ELEC 100, HVAC 120	COURSE TITLE PREREQUISITES COREQUISITES English Composition ENGL 080 Student Success Elective - Industrial Technology & Transportation Pathway Mathematics Elective (100 level or higher) MATH 040 Science Elective with Lab Print Reading MATH 040 Basic Electrical Principles - HVAC HVAC program acceptance Basic Refrigeration HVAC program acceptance MATH 040 Basic Air Conditioning ELEC 100, HVAC 120	COURSE TITLE PREREQUISITES COREQUISITES CREDITS English Composition ENGL 080 3 Student Success Elective - Industrial Technology & Transportation Pathway 4 Mathematics Elective (100 level or higher) MATH 040 3 Science Elective with Lab 4 Print Reading MATH 040 3 Basic Electrical Principles - HVAC HVAC program acceptance 3 Basic Refrigeration HVAC program acceptance MATH 040 7 Basic Air Conditioning ELEC 100, HVAC 120 7					

2025-2026