

**ASSOCIATE OF APPLIED SCIENCE
GENERAL TECHNOLOGY
PATHWAY TO ENERGY CONTROL TECHNOLOGY**

Cip Code 30.9999; Degree Code: 0517
Major: AAS General Technology 30.9999
Concentration: Pathway to Energy Control Technology 47.0201

Student Name _____ Student ID _____ Advisor _____

AY2026-27

Possible Prerequisites			Semester	Hours	Grade	ACTS
ENGL	00191	Writing Seminar		NC		
ENGL	00193	English Fundamentals		NC		
MATH	01071	Foundations of Math Reasoning		NC		
MATH	03163	Math Fundamentals		NC		

Year 1 - First Semester (16 credit hours)			Semester	Hours	Grade	ACTS
HVAC	10406	Circuits and Controls		6		
HVAC	11404	Introduction to Air Conditioning Systems		4		
WELD	12073	Trade Skills		3		
MATH	10133	Mathematical Applications or higher-level Math		3		MATH 1003

Year 1 - Second Semester (16 credit hours)			Semester	Hours	Grade	ACTS
HVAC	15005	HVAC Systems Operations		5		
HVAC	11505	HVAC Systems Installation		5		
HIST	21103	The United States to 1876		3		
ENGL	20203	Workplace Essentials or higher-level English		3		ENGL2023

Year 2 - First Semester (16 credit hours)			Semester	Hours	Grade	ACTS
HVAC	22503	Home Performance Principles		3		
HVAC	22304	Building Performance Analysis		4		
HVAC	22403	Advanced HVACR Systems Diagnostics		3		
PLSC	20003	Political Science		3		
HVAC	13203	Preventative Maintenance Technician		3		

Year 2 - Second Semester (12 credit hours)			Semester	Hours	Grade	ACTS
AMST	10053	Manufacturing Processes		3		
ENGL	10103	Composition I		3		
ITEC	11103	Introduction to Networking		3		
CPSI	10003	Choose one: Introduction to Computers		3		CPSI1003
CPSI	14403	Technical Computer Applications				
BINS	11203	Microcomputer Applications				

Total Required Credit Hours (60)

Expected Graduation Date: _____

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____