

**ASSOCIATE OF APPLIED SCIENCE
 GENERAL TECHNOLOGY
 PATHWAY TO INDUSTRIAL MAINTENANCE**

Student Name _____ Student ID _____ Advisor _____

AY2021-22

Possible Prerequisites			Semester	Hours	Grade	ACTS
ENG	0051	Writing Seminar		NC		
ENG	0053	English Fundamentals		NC		

Year 1 - First Semester (15 credit hours)			Semester	Hours	Grade	ACTS
MATH	1013	Mathematical Applications or higher-level Math		3		MATH1003
ADVM	1123	Materials, Measurements, & Safety		3		
TECH	1023	Industrial Mechanical Maintenance		3		
TECH	1043	Principals of Industrial Hydraulics		3		
TECH	1053	Basic Electrical Schematics & Motor Controls		3		

Year 1 - Second Semester (15 credit hours)			Semester	Hours	Grade	ACTS
ENG	1203	Workplace Essentials or higher-level English		3		ENGL2023
MIS	1033	Choose one: Introduction to Computers		3		CPSI1003
MIS	1443		Technical Computer Application			
MIS	1503		Microcomputer Applications			
TECH	1073	Mechatronics		3		
TECH	1083	Motor Controls and PLC's		3		
WELD	1503	Maintenance Welding		3		

Year 2 – First Semester (15 credit hours)			Semester	Hours	Grade	ACTS
ENG	1003	Composition I		3		ENGL1013
		Technical Elective		3		
		Technical Elective		3		
		Technical Elective		3		
		Technical Elective		3		

Year 2 – Second Semester (15 credit hours)			Semester	Hours	Grade	ACTS
		3 hours from Social Science HIST, GEOG, SOC, POSC, PSY prefixes		3		
		Technical Elective		3		
		Technical Elective		3		
		Technical Elective		3		
		Technical Elective		3		

Total Credit Hours: 60

Minimum Required Credit Hours (60)

Expected Graduation Date: _____

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____