

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

Student Name \_\_\_\_\_ Student ID \_\_\_\_\_ Advisor \_\_\_\_\_

AY2023-24

Possible Prerequisites			Semester	Hours	Grade	ACTS
ENG	0051	Writing Seminar		NC		
ENG	0053	English Fundamentals		NC		
MATH	0021	Foundations of Math Reasoning		NC		
MATH	0083	Math Fundamentals		NC		

Year 1 - First Semester (15 credit hours)			Semester	Hours	Grade	ACTS
MATH	1013	Mathematical Applications or higher-level Math		3		
TECH	1123	Mechanical Drives I		3		
TECH	1143	Industrial Fluid Power I		3		
TECH	1153	Industrial Electricity I		3		
WELD	1603	Trade Skills		3		

Year 1 - Second Semester (15 credit hours)			Semester	Hours	Grade	ACTS
ENG	1203	Workplace Essentials or higher-level English		3		ENGL2023
TECH	1173	Programmable Logic Controllers I		3		
TECH	1183	Industrial Motor Controls I		3		
TECH	1243	Industrial Fluid Power II		3		
TECH	1253	Industrial Electricity II		3		

Year 2 – First Semester (15 credit hours)			Semester	Hours	Grade	ACTS
MIS	1033	<b>Choose one:</b> Introduction to Computers Technical Computer Application Microcomputer Applications		3		CPS11003
MIS	1443					
MIS	1503					
TECH	1223	Mechanical Drives II		3		
TECH	2083	Industrial Fluid Power Troubleshooting		3		
TECH	2173	Programmable Logic Controllers II		3		
TECH	2183	Industrial Motor Controls II		3		

Year 2 – Second Semester (15 credit hours)			Semester	Hours	Grade	ACTS
		3 hours from Social Science <b>HIST, GEOG, SOC, POSC, PSY prefixes</b>		3		
ENG	1003	Composition I		3		ENGL1013
TECH	1193	Industrial Process Controls		3		
ADVM	1223	<b>Choose two:</b> Manual Milling Manual Lathe Industrial Robotics Mechatronics Maintenance Welding		6		
ADVM	1233					
TECH	1163					
TECH	1073					
WELD	1503					

**Total Credit Hours: 60**

**Minimum Required Credit Hours (60)**

**Expected Graduation Date:** \_\_\_\_\_

**Student Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Advisor Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_