

**TECHNICAL CERTIFICATE  
 ADVANCED MANUFACTURING TECHNOLOGY  
 INDUSTRIAL MAINTENANCE PATHWAY**

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

AY2022-23

**Possible Prerequisites:** None Required

<b>First Semester (15 credit hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>	<b>ACTS</b>
ADVM	1123	Materials, Measurements, & Safety		3		
MATH	1013	Mathematical Applications		3		MATH1003
TECH	1023	Industrial Mechanical Maintenance		3		
TECH	1043	Principles of Industrial Hydraulics		3		
TECH	1053	Basic Electrical Schematics & Motor Controls		3		

<b>Second Semester (18 credit hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>	<b>ACTS</b>
ENG	1203	Workplace Essentials or higher-level English		3		ENGL2023
MIS	1443	Technical Computer Applications		3		
TECH	1073	Mechatronics		3		
TECH	1083	Industrial Motor Controls and PLC's		3		
WELD	1503	Maintenance Welding		3		
		<b>Technical Elective:</b> 3 hours from any courses with the following prefixes: ADVM, BSYS, MATH1013 Mathematical Applications, MIS, TECH, or WELD		3		

**Total Credit Hours: 33**

**Minimum Required Credit Hours (33)**

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

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

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

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

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