TECHNICAL CERTIFICATE
ADVANCED MANUFACTURING TECHNOLOGY
INDUSTRIAL MAINTENANCE PATHWAY

Student Name _____ Student ID _____ Advisor_____

AY2021-22

Possible Prerequisites: None Required

First Semester   (15credit hours)

			Semester	Hours	Grade	ACTS
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		

Second Semester   (18 credit hours)

			Semester	Hours	Grade	ACTS
ENG	1203	Workplace Essentials or higher-level English		3		ENGL2023
MIS MIS MIS	1033 1443 1503	**Choose one:** Introduction to Computers Technical Computer Applications Microcomputer Applications		3		CPSI1003
TECH	1073	Mechatronics		3		
TECH	1083	Industrial Motor Controls and PLC's		3		
WELD	1503	Maintenance Welding		3		
		Technical Elective: 3 hours 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:** _____