

**TECHNICAL CERTIFICATE
ADVANCED MANUFACTURING TECHNOLOGY
PROCESS CONTROL TECHNICIAN PATHWAY**

CIP Code: 15.0613; Degree Code: 5719

Student Name _____ Student ID _____ Advisor _____

AY2025-2026

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		

First Semester (15 credit hours)			Semester	Hours	Grade	ACTS
MATH	1013	Mathematical Applications or higher-level Math		3		MATH1003
TECH	1093	Level and Flow Process Control Systems		3		
TECH	1153	Industrial Electricity I		3		
TECH	1173	Programmable Logic Controllers I		3		
WELD	1603	Trade Skills		3		

Second Semester (15 credit hours)			Semester	Hours	Grade	ACTS
ENG	1203	Workplace Essentials or higher-level English		3		ENGL2023
TECH	1013	Pressure Process Control		3		
TECH	1103	Temperature Process Control		3		
TECH	1133	Analytical Process Control		3		
TECH	1213	Pump Systems		3		

Total Required Credit Hours (30)

Expected Graduation Date: _____

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____