

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

CIP Code: 15.0613; Degree Code: 5719

Student Name _____ Student ID _____ Advisor _____

AY2026-2027

Possible Prerequisites			Semester	Hours	Grade	ACTS
ENGL	00191	Writing Seminar		NC		
ENGL	00193	English Fundamentals		NC		
MATH	01071	Foundations of Math Reasoning		NC		
MATH	03163	Math Fundamentals		NC		

First Semester (15 credit hours)			Semester	Hours	Grade	ACTS
MATH	10133	Mathematical Applications or higher-level Math		3		MATH1003
AMST	11153	Level and Flow Process Control Systems		3		
AMST	11503	Industrial Electricity I		3		
AMST	15434	Programmable Logic Controllers I		3		
WELD	12073	Trade Skills		3		

Second Semester (15 credit hours)			Semester	Hours	Grade	ACTS
ENGL	20203	Workplace Essentials or higher-level English		3		ENGL2023
AMST	11173	Pressure Process Control		3		
AMST	11143	Temperature Process Control		3		
AMST	11163	Analytical Process Control		3		
AMST	11183	Pump Systems		3		

Total Required Credit Hours (30)

Expected Graduation Date: _____

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____