

**TECHNICAL CERTIFICATE
AUTOMATION AND ELECTRICAL TECHNOLOGY
INDUSTRIAL CONTROLS TECHNICIAN PATHWAY**

CIP Code:15.0406; Degree Code: 4644

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	11503	Industrial Electricity I		3		
AMST	15033	Programmable Logic Controllers I		3		
AMST	11803	Industrial Motor Controls I		3		
AMST	12503	Industrial Electricity II		3		

Second Semester (15 credit hours)			Semester	Hours	Grade	ACTS
ENGL	20203	Workplace Essentials or higher-level English		3		ENGL2023
AMST	21803	Industrial Motor Controls II		3		
AMST	21703	Programmable Logic Controllers II		3		
WELD	12073	Trade Skills		3		
		3 hours from AMST, ITEC or TECH Prefixes		3		

Total Required Credit Hours (30)

Expected Graduation Date: _____

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____