

**TECHNICAL CERTIFICATE  
AUTOMATION AND ELECTRICAL TECHNOLOGY  
PROCESS CONTROL 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 | 11803 | Industrial Motor Controls I                    |          | 3     |       |          |
| AMST | 12503 | Industrial Electricity II                      |          | 3     |       |          |
| AMST | 15033 | Programmable Logic Controllers I               |          | 3     |       |          |

**Second Semester (15 credit hours)**

|      |       |                                              | Semester | Hours | Grade | ACTS     |
|------|-------|----------------------------------------------|----------|-------|-------|----------|
| AMST | 11173 | Pressure Process Control                     |          | 3     |       |          |
| AMST | 11143 | Temperature Process Control                  |          | 3     |       |          |
| AMST | 11153 | Level and Flow Process Controls              |          | 3     |       |          |
| AMST | 11163 | Analytical Process Control                   |          | 3     |       |          |
| ENGL | 20203 | Workplace Essentials or higher-level English |          | 3     |       | ENGL2023 |

**Total Required Credit Hours (30)**

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

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

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

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

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