

## TECHNICAL CERTIFICATE ADVANCED MANUFACTURING TECHNOLOGY INDUSTRIAL MAINTENANCE PATHWAY

Cip Code: 15.0613; Degree Code: 5719

| Student Name                      |      | Student ID                                     | Advisor  |       |       |           |
|-----------------------------------|------|--|----------|-------|-------|-----------|
|                                   |      |  |          |       |       | 2024-2025 |
|                                   |      |  |          |       |       |           |
| 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                              | 1123 | Mechanical Drives I                            |          | 3     |       |           |
| TECH                              | 1143 | Industrial Fluid Power I                       |          | 3     |       |           |
| TECH                              | 1153 | Industrial Electricity 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                              | 1173 | Programmable Logic Controllers I               |          | 3     |       |           |
| TECH                              | 1183 | Industrial Motor Controls I                    |          | 3     |       |           |
| TECH                              | 1243 | Industrial Fluid Power II                      |          | 3     |       |           |
| TECH                              | 1253 | Industrial Electricity II                      |          | 3     |       |           |
|                                   |      | Hours (30) Date:                               |          |       |       |           |
| Student Signature:                |      |  | Date:    |       |       |           |
| Advisor Signature:                |      |  | Date:    |       |       |           |