

|                 |   |             |                         |
|-----------------|---|-------------|-------------------------|
| <b>Program:</b> | <b>MAINT.TECH. CERT Maintenance Technician I Certificate (18 credits)</b> |             | <b>Division:</b> STEM   |
| <b>Student:</b> |   | <b>ID#:</b> | Catalog Year: 2025-2026 |

| Developmental Education Courses (if required) |             |                               |                          |         |                        |                          |             |                              |
|---|-------------|-------------------------------|--------------------------|---------|------------------------|--------------------------|-------------|------------------------------|
| <input type="checkbox"/>                      | EAP-018     | Intensive Academic English    | <input type="checkbox"/> | MAT-020 | Basics of College Math | <input type="checkbox"/> | COM-017/019 | Foundational Reading/Writing |
| <input type="checkbox"/>                      | EAP-020/040 | EAP Reading I and Writing I   | <input type="checkbox"/> | MAT-03_ |                        | <input type="checkbox"/> | COM-097     | Academic Literacy I          |
| <input type="checkbox"/>                      | EAP-050/060 | EAP Writing II and Reading II |                          |         |                        | <input type="checkbox"/> | COM-098     | Academic Literacy II         |

#### SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion. Plans may be modified by adding more semesters.

| SEMESTER I – Fall (6 credits) |         |                               |     |   |           |
|-------------------------------|---------|-------------------------------|-----|---|-----------|
|                               | Course# | Course Name                   | Cr. | Pre-requisites/ Co-requisites                           | Semesters |
| M                             | MET 111 | Fundamentals of Manufacturing | 1   | MAT 035 with a “C” or better or placement by assessment | FA/SP/SU  |
| M                             | MET 120 | Industrial Mechanics I        | 5   | MAT 035 with a “C” or better or placement by assessment | FA/SP/SU  |

| SEMESTER 2 – Spring (6 credits) |          |  |     |  |           |
|---------------------------------|----------|--|-----|--|-----------|
|                                 | Course#  | Course Name  | Cr. | Pre-requisites/ Co-requisites                                      | Semesters |
| M                               | MET 130  | Industrial Electrical Systems                          | 4   | MAT 030 or MAT 035 with a “C” or better or placement by assessment | FA/SP/SU  |
| M                               | MET 140A | Introduction to Programmable Logic Controllers (PLC) I | 2   | MET 130  | FA/SP/SU  |

| SEMESTER 2 – Fall (6 credits) |         |                         |     |                               |           |
|-------------------------------|---------|-------------------------|-----|-------------------------------|-----------|
|                               | Course# | Course Name             | Cr. | Pre-requisites/ Co-requisites | Semesters |
| M                             | MET 150 | Industrial Mechanics II | 6   | MET 120                       | FA/SP/SU  |

|                            |                   |   |
|----------------------------|-------------------|---|
| Date created: January 2023 | Updated: May 2025 | All = Fall/Spring/Summer; OL = Online<br>M = Major; E = Elective; G = GenEd |
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