



## 2023-2024 Certificate

**Certificate:** **MECHANICAL MAINTENANCE TECHNICIAN (61-620-3)**

**Credits:** **10 Credits**

**Description:** This certificate supplies the basic knowledge to become an entry-level maintenance and repair technician in a manufacturing facility. After completing the certificate, students will be able to work with and troubleshoot hydraulic, pneumatic, and mechanical systems. They will also be able to fabricate parts using manual machining and perform precision measurement.

**Related Program:** Electromechanical Maintenance Technician

The sequence shown is the recommended path to completion. Courses will be scheduled in the terms indicated here.

All courses should be taken in the order shown to help you stay on track and graduate according to your academic plan.

Courses in this program may be offered in a variety or combination of formats (for example: in-person, video conferencing, online, etc.).

### **REQUIRED COURSES**

NOTE: Requisites (prereq- before/ coreq-with)

**E-D = Elkhorn Days, F=Fall, S=Spring**

| ✓ | Term One                             | Cr.       | Prerequisite | Corequisite | E-D |
|---|--------------------------------------|-----------|--------------|-------------|-----|
|   | 612-102 Pneumatics/Hydraulics, Intro | 3         |              |             | F   |
|   | 628-310 Mechanical Skills I          | 2         |              |             | F   |
|   | 628-300 Machining for Maintenance    | 2         |              |             | F   |
| ✓ | Term Two                             |           |              |             |     |
|   | 444-339 Gauging and Quality Control  | 3         |              |             | S   |
|   | <b>Total Credits</b>                 | <b>10</b> |              |             |     |

### **ADDITIONAL REQUIREMENTS**

Students who are interested in continuing into the 31-620-3 Electromechanical Maintenance Technician program can earn their technical diploma by completing an additional 21 credits.

Please see your academic advisor for details.

NOTE: Students must complete a certificate program with a minimum of a 2.0 Program GPA.