



## 2024-2025 Certificate

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

**Credits:**                        **11 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, Advanced Manufacturing 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)

**I-D = iMET Days, L-E = Lakeview Evenings F=Fall, S=Spring, SU=Summer**

✓	<b>Term One</b>	<b>Cr.</b>	<b>Prerequisite</b>	<b>Corequisite</b>	<b>I-D</b>	<b>L-E</b>
	628-109 Mechanical Skills for Technicians	3			F	F
✓	<b>Term Two</b>					
	664-112 Fundamentals of Machining Processes	3			S	S
✓	<b>Term Three</b>					
	612-102 Pneumatics/Hydraulics, Intro	3			F	SU
	664-116 Intro to Mfg Quality Control Systems	2			F	SU
	<b>Total Credits</b>	<b>11</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 18 credits.

Please see your academic advisor for details.

NOTE: Students must complete the certificate program with a cumulative GPA of 2.0 or above.