INTRO TO MAINTENANCE MECHANIC

Program Number 61-462-2
Certificate • 10 credits

ABOUT THE PROGRAM

Prepares the learner for entry-level maintenance and production employment. The student will have hands-on learning of basic maintenance and electrical tasks as well as instruction in print and math that pertain to the manufacturing environment. The student will also get a basic understanding of tools and measurement that are used in manufacturing.

PROGRAM OUTCOMES

- Demonstrate safe work procedures.
- Maintain basic industrial equipment.
- Communicate technical information.

ADMISSIONS AND FIRST SEMESTER ENROLLMENT STEPS

- Submit online application.
- Complete the online Student Success Questionnaire.
- Complete Get Started at Lakeshore appointment:
    - Application Check-in
    - College Orientation Overview
    - 1st Time Program Registration

**Submit high school transcripts, college transcripts, and test scores (optional, highly recommended). Official transcripts will be needed for transferring college credit(s) and for financial aid purposes.*

ACADEMIC PREPAREDNESS/FUTURE SEMESTER ENROLLMENT STEPS

If applicable, complete program-specific academic preparedness requirements and enrollment steps prior to enrolling in occupational or core courses. Students will be notified if there is a program waitlist. View the college's program webpage for details: https://lakeshore.edu/academics/certificates/introduction-maintenance-mechanic.

APPROXIMATE COSTS

$152.85 per credit tuition (WI resident) plus $9.17 per credit student activity fee. Material fee varies depending on course. Other fees vary by program. Visit lakeshore.edu/financial-aid/tuition-and-fees for details.

SPECIAL NOTE

- Students may need to supply their own safety glasses and welding gloves.
- Learn when you want. Progress at your own pace. Receive personalized coaching and support. The full CBE definition may be found at lakeshore.edu/cbe.

RELATED PROGRAMS

- Certificate embedded in the Maintenance Mechanic and Electro-Mechanical Maintenance Technician Technical Diplomas
- Electro-Mechanical Automation Technology
- Maintenance Mechanic/Millwright Journeyworker

CONTACT

Lakeshore College Recruiter
920.693.1366 • Recruitment@lakeshore.edu

Catalog No.	Class Title	Credit(s)
	Term 1	
10804113	College Technical Math 1A	3
10462207	Tools and Measurement*	1
10462209	Maintenance Introduction*	1
10462211	Maintenance Print Reading*	2
10462127	Bearings and Lubrication	2
10442100	Safety and Welding Fundamentals*	1
	TOTAL	**10**

*CBE delivery only

Curriculum and program acceptance requirements are subject to change. Program start dates vary; check with your academic counselor for details. The tuition and fees are approximate based on 2025-2026 rates and are subject to change prior to the start of the academic year.

LAKESHORE COLLEGE

BEARINGS AND LUBRICATION...prepares the learner to properly identify, remove, install, and maintain both plain and rolling element bearings used with either a radial or axial load, including ball, cylindrical roller, tapered roller, linear, and thrust bearings; use manufacturers' resources for proper usage and life of bearings; and look at proper types, properties, and application methods of lubrication. PREREQUISITE: 10462109 Maintenance Intro or 31462309 Industrial Maintenance Intro or COREQUISITES: 10804113 College Tech Math 1A and 10462209 Maintenance Intro

COLLEGE TECHNICAL MATHEMATICS 1A...prepares the student to solve linear, quadratic, and relational equations; graph; formula rearrangement; solve systems of equations; percent; proportions; and operations on polynomials. Emphasis will be on the application of skills to technical problems. COREQUISITE: Math placement assessment or equivalent

MAINTENANCE INTRODUCTION…prepares the learner to apply basic safety, mechanics, force, friction, work, and energy; learn terminology related to maintenance; introduction to threaded and non-threaded fasteners and concrete anchoring; learn to use precision measuring tools; introduction to single-phase and three-phase motor wiring. PREREQUISITE: 31462325 Maintenance Tools and Measurement or 10462107 Tools and Measurement or COREQUISITE: 10462207 Tools and Measurement

MAINTENANCE PRINT READING…prepares the learner to read prints; make isometric sketches; interpret orthographic projection drawings, to include sections, surface finishes, and tolerancing.

SAFETY AND WELDING FUNDAMENTALS...introduces the learner to the world of welding, weld shop safety practices, welding terminology, and welding machine setup to industry standards. Learners will be introduced to the three major welding processes: SMAW, GMAW, and GTAW and will build skills welding with each process in the flat and horizontal positions while using the common welding joints found in industry. The learner will process material using the two major handheld cutting processes - Oxyfuel and PAC.

TOOLS AND MEASUREMENT...prepares the learner to use hand tools, precision measuring instruments, and torque tools.

LAKESHORE COLLEGE DOES NOT DISCRIMINATE AGAINST PROTECTED CLASSES, INCLUDING BUT NOT LIMITED TO RACE, COLOR, NATIONAL ORIGIN, RELIGION, SEX, OR GENDER – INCLUDING SEXUAL ORIENTATION, GENDER IDENTITY, GENDER EXPRESSION, DISABILITY OR AGE IN EMPLOYMENT, ADMISSIONS, OR ITS PROGRAMS OR ACTIVITIES. TO HANDLE INQUIRIES REGARDING LAKESHORE'S NONDISCRIMINATION POLICIES, CONTACT VICE PRESIDENT OF STUDENT SUCCESS (STUDENTS) 920.693.1858, TANYA. BOMAN@LAKESHORE.EDU / EXECUTIVE DIRECTOR OF HUMAN RESOURCES (STAFF/OTHERS) 920.693.1139, MARISSA.HOLST@LAKESHORE.EDU. 1290 NORTH AVENUE, CLEVELAND, WI 53015. TTY 711 LAKESHORE.EDU/EQUAL-OPPORTUNITY-STATEMENT