LAKESHORE COLLEGE

AUTOMOTIVE MAINTENANCE TECHNICIAN

Program Number 31-404-3
Technical Diploma • Four Terms

ABOUT THE PROGRAM

Most of us place great value on owning and operating our own vehicles. Our independence stems from our ability to jump in our cars and trucks and go wherever we want, whenever we want. When our independence is threatened because our vehicles aren't working properly, the first person we seek is a qualified automotive maintenance technician. If you're mechanically talented, like to solve problems, and enjoy working with people, success in the automotive maintenance field may be just down the road for you.

PROGRAM OUTCOMES

- Demonstrate professionalism appropriate for the auto service industry
- Perform maintenance and repair of automotive steering and suspension systems
- Perform maintenance and repair of automotive brake systems
- Perform maintenance and repair of automotive electrical and electronic systems
- Perform maintenance and repair of automotive internal combustion engines
- Perform maintenance and repair of automotive transmission/transaxle systems
- Perform maintenance and repair of automotive manual drive train and axle systems
- Perform maintenance and repair of automotive heating and air conditioning systems
- Perform maintenance and repair of engine performance systems

CAREER AND EDUCATION ADVANCEMENT OPPORTUNITIES

Lakeshore credits transfer to over 30 universities. For more information visit lakeshore.edu/future-students/transfer.

ADMISSIONS AND FIRST SEMESTER ENROLLMENT STEPS

- Submit online application.
- Complete the online Student Success Questionnaire.
- Complete Get Started at Lakeshore appointment.

**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/programs-and-courses/career-areas/transportation-distribution-logistics/automotive-maintenance-technician.

APPROXIMATE COSTS

$157.45 per credit tuition (WI resident) plus $9.45 per credit student activity fee. Material fee varies depending on course. Other fees vary by program. Visit https://lakeshore.edu/paying-for-college/tuition-and-fees for details.

FINANCIAL AID

This program is eligible for financial aid. Visit lakeshore.edu/Financial-Aid or talk with your College Recruiter about how to apply for aid.

SPECIAL NOTES

- This program is certified by ASE (Automotive Service Excellence). Students are well-prepared to take the ASE Exam.
- Accelerate your learning, earn credit for what you know, and get personalized support to reach your goals. The full CBE definition may be found at lakeshore.edu/CBE.
- This program at Lakeshore College prepares students to obtain credentials to be employed/practice in Wisconsin. The college does not guarantee its curriculum matches the full requirements for preparation, examination, or licensure in other states.

CONTACT

Lakeshore College Recruiter
920.693.1366 • Recruitment@lakeshore.edu

Catalog No.	Class Title	Credit(s)
	Term 1	
31404200	Auto Orientation and Safety*	1
31404201	Electrical Principles 1: Basics*	1
31404202	Electrical Principles 2: Ohm's Law*	1
31404203	Electrical Principles 3: DC Circuits*	1
31404204	Electrical Principles 4: Troubleshooting*	1
31404213	Auto Mechanical Hand and Torque Tools*	1
31404212	Auto Mechanical Measuring and Instruments*	1
31404240	Hydraulic and Mechanical Brake Systems*	1
31404242	Disc and Drum Brakes*	1
31404241	Electronic Brake Control Systems*	1
10442100	Safety and Welding Fundamentals*	1
31404306	Auto Body Applications for Mechanics*	1
		12
	Term 2	
31404205	Electrical Principles 5: Batteries Lighting*	1
31404206	Electrical Principles 6: Wire Repair*	1
31404207	Electrical Principles 7: Relay Circuits*	1
31404208	Electrical Principles 8: Starting Charging*	1
31404243	Steering, Suspension, Inspection, Repair*	1
31404244	Advanced Steering & Suspension Systems*	1
31404245	Wheel Alignment and Tire Service*	1
31404246	Engine Repair Cylinder Head*	1
31404247	Engine Repair Engine Block*	1
31404248	Engine Cooling Systems*	1
31404249	Engine Repair Mechanical Systems*	1
31404250	Engine Lubrication Systems*	1
		12
	Term 3	
31404209	Electrical Principles 9: Anti-Theft Systems*	1
31404210	Electrical 10: Auto Data Network Systems*	1
31404211	Electrical 11: Auto Entertainment Systems*	1
31404251	Manual Drivetrain Fluid Service*	1
31404252	Manual Clutch and Transmission Systems*	1
31404253	Manual, Four-Wheel, and AWD Drivetrains*	1
31404254	Axles and Differentials*	1
31404255	Auto HVAC Controls*	1
31404256	Auto HVAC Systems and Service*	1
31404221	Auto Engine Performance 1: Sensors*	1
31404222	Auto Engine Performance 2: Ignition Systems*	1
31404223	Auto Engine Performance 3: Fuel Systems*	1
		12
	Term 4	
31404224	Auto Engine Performance 4: Controls Systems*	1
31404225	Auto Engine Performance 5: Hybrid Systems 1*	1
31404226	Auto Engine Performance 6: Hybrid Systems 2*	1
31404227	Auto Engine Performance 7: Diesel Operation*	1
31404228	Auto Engine Performance 8: Diesel Emissions*	1
31404229	Auto Engine Performance 9: Induction System*	1
31404230	Auto Engine Performance 10: EVAP and PCV*	1
31404231	Auto Engine Performance 11: Emissions*	1
31404257	Auto Transmission Service*	1
31404258	Auto Transmission Transaxle Diagnoses*	1
31404259	Auto Transmission Transaxle Replacement*	1
31404260	Auto Transmission Transaxle Rebuild*	1
		12
		TOTAL 48

*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 2026-2027 rates and are subject to change prior to the start of the academic year.

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 AFFAIRS (STUDENTS) 920.693.1858, TANYA. BOMAN@LAKESHORE.EDU / HUMAN RESOURCES AND BENEFITS MANAGER (STAFF/OTHERS) 920.693.1163, DEBBIE.SOSNOSKY@LAKESHORE.EDU. 1290 NORTH AVENUE, CLEVELAND, WI 53015. TTY 711 LAKESHORE.EDU/EQUAL-OPPORTUNITY-STATEMENT