

AUTO MECHANICS TECHNOLOGY ATC

The Auto Mechanics Technology Program is National Automotive Technician Education Foundation (NATEF) certified. This program develops skills for servicing and repairing all systems of the automobile. Students are taught to use specialized tools and equipment found in automotive shops, and receive instruction in automotive theory, related instruction, and practical shop experience. Auto service technicians understand the sophisticated technology behind each vehicle, and stay current as new technologies emerge. They diagnose, adjust, repair or overhaul all types of vehicles.

Students entering with prior training from high school, military, or industry can challenge portions of the training program by examination and/or performance testing. Students must achieve competencies in course work before moving to the next instructional area. Shop experience is combined with related theory. A specified set of tools is required upon entry. The tool list can be found on the program website.

All students will be subject to a Driver's License Validation check for insurance purposes, and must hold a valid driver's license while enrolled in the program. If a student loses their Driver's License or can not be insured while enrolled in the program, continuation in the program will be reviewed by the instructors on a case by case basis until the end of the semester.

Enrollment Requirements:

- Enrollment priority is on a first-come first-serve basis as determined by the student's faculty advising date.
- The prospective students must have a current valid Driver's License and have had no DUI's in the past 12 months. If you have any questions regarding your driver's license, please contact the Technical & Industrial Division Office prior to submitting your application to LC State.
- Physical well-being, good manual dexterity, and the strength to lift heavy objects are necessary.
- Aleks score in Math of 14 or higher, Writing Placement Exam of 2 or higher, or qualify for MTHPT-103 and ENGL-101.

Upon completion of the Auto Mechanics Technology program, the student will have basic skills to:

- Service and repair all systems of the automobile.
- Use specialized tools and equipment.
- Understand electronics as it is applied to the automotive industry.
- Function in a businesslike manner applicable to the automotive repair industry.
- Be subject to a National Automotive Student Skills Standard Assessment test and must pass.

Upon completion of the program, students must pass all parts of the ASE certification tests in order to graduate.

Advanced Technical Certificate Requirements

Code	Title	Credits
Take 3 credits of General Education		3.00
Technical Core		
AUTMC-100	(G1) SAFETY AND GENERAL AUTOMOTIVE MAINTENANCE AND REPAIR	6.00
AUTMC-102	(A6) ELECTRICAL/ELECTRONIC SYSTEMS	6.00
AUTMC-200	(A5) BRAKES (A7) HEATING, VENTILATION, AND AIR CONDITIONING	6.00
AUTMC-212	(A8) ENGINE PERFORMANCE	6.00
Select an additional 24 credits from the following:		24.00
AUTMC-103	(A3) MANUAL DRIVE TRAIN AND AXLES	
AUTMC-105	(A1) ENGINE REPAIR	
AUTMC-115	(A4) STEERING AND SUSPENSION	
AUTMC-209	(A2) AUTOMATIC TRANSMISSION AND TRANSAXLE	
AUTMC-225	(L1) ADVANCED ENGINE PERFORMANCE	
AUTMC-250	(A9) LIGHT VEHICLE DIESEL ENGINES	
AUTMC-260	(L3) LIGHT DUTY HYBRID / ELECTRIC VEHICLES	
AUTMC-270	(C1) AUTOMOBILE SERVICE CONSULTANT	
Complete 4 credits from the following:		4.00
AUTMC-294	INTERNSHIP IN AUTO MECHANICS TECHNOLOGY	
AUTMC-227	(P2) PARTS SPECIALIST	
or MTHPT-103	APPLIED ALGEBRA	
or MTHPT-137	MATH FOR TECHNOLOGY	
Total Credits		55.00