

AUTOMOTIVE TECHNOLOGY

87 credit AAS | 73 credit Diploma | 38 credit Certificate

THE PROGRAM

The Automotive Technology program offers an Associate in Applied Science (AAS) degree, diploma, and one-year certificate option. Core courses focus on the eight automotive service areas identified by the National Institute for Automotive Service Excellence (ASE), helping students build skills in diagnostics, repair, and maintenance. Students gain hands-on experience in LRSC's newly remodeled 11,000-square-foot automotive shop, which includes industry equipment, instructional areas, and live vehicle work alongside instructors.

WHAT STUDENTS WILL GAIN

- Skills in engine repair and performance
- Knowledge of automatic transmissions, manual drive trains, and axles
- Experience with suspension, steering, and brake systems
- Training in electrical and electronic systems diagnostics
- Understanding of heating and air conditioning systems
- Hands-on troubleshooting and repair experience using industry equipment

AUTOMOTIVE TECHNOLOGY OPPORTUNITIES

Strong demand for skilled automotive technicians supports direct entry into the workforce after program completion. Graduates are prepared for careers in automotive repair, diagnostics, and service at dealerships, independent repair facilities, and fleet operations. Hands-on training helps students build the technical skills used in today's automotive industry.

ADVISORS/TRIO & POWERSKILLS

TRiO & PowerSkills provide academic support for all students, including tutoring, advising, study support, testing/proctoring, and disability services.

PROGRAM CONTACTS

For questions about the Automotive Technology program at Lake Region State College, contact:

Rick McAllister, Professor
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STUDENT SUCCESS TIPS



Schedule time with your advisor each semester to stay on track with your degree plan.

Use tutoring and academic support services when needed to build skills in subjects like math.

Get involved at LRSC through clubs, activities, and campus events to build connections and get the most out of your experience.

Over \$540,000 in scholarships is awarded to students each year.

Complete the scholarship application on the LRSC website; one application applies to multiple scholarships, and awards are matched based on eligibility.



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First Year	Credits
AUTO 111: Engine Fundamentals*	6
AUTO 112: Engine Overhaul*	6
AUTO 148: Suspension & Steering*	4
AUTO 158: Brakes*	4
AUTO 161: Electronics*	3
AUTO 162: Electrical Systems*	6
AUTO 181: Fuel Systems*	3
AUTO 182: Computer Controls*	3
MATH 100 or Higher*	3
Second Year (Fall)	
AUTO 208: Hybrid and Light Duty Diesel Systems*	3
AUTO 221: Automatic Transmission Fundamentals*	3
AUTO 222: Automatic Transmission Diagnosis and Repair*	3
AUTO 238: Manual Drivelines*	6
AUTO 265: Advanced Automotive Electronics*	3
AUTO 278: Heating and Air Conditioning*	3
AUTO 288: Engine Performance II*	6
ENGL 105: Technical Communications*	3
TECH 238: Basic Welding*	2
General Education: English/Communications	3
General Education Humanities/Social Sciences	6
General Education: Math/Science/Computer Science	6
General Education: Physical Education	2
Total AAS Credits	87
Diploma Credits	73
Certificate Credits	38

1-year certificate courses

*Diploma