

AUTOMOTIVE TECHNOLOGY

84 credit minimum AAS/70 credit Diploma/38 credit Certificate



The Automotive Technology program is an Associate in Applied Science (AAS) degree including some general education requirements, a Diploma, which solely focuses on automotive technology, or a Certificate program which can be completed in one year. This competency-based education format allows you to enter the program on space availability basis throughout the year. Core courses are structured to include training for the eight areas of automotive skills identified by the National Institute of Automotive Service Excellence (ASE). The skills are as follows:

1. Engine Repair
2. Automatic Transmission and Transaxle
3. Manual Drive Train and Axles
4. Suspension and Steering
5. Brakes
6. Electrical/Electronic Systems
7. Heating and Air Conditioning
8. Engine Performance

ADVISORS/TRiO & PowerSkills

Knowledgeable advisors will help you create a class schedule and choose electives to build strong foundations for upper division coursework and to meet transfer requirements.

TRiO & PowerSkills is an **advising, tutoring, and proctoring resource for everyone**, as well as disability services for students.

A FULLY ACCREDITED PROGRAM

The Automotive Technology program is accredited by the National Automotive Technicians Education Foundation (NATEF) to the Master Automobile Service Technology (MAST) level in all areas of training.

Lake Region State College's automotive program has been accredited in the areas of engine repair, automatic transmissions, manual drive transmission, suspension and steering, brakes, electrical systems, heating and air conditioning, and engine performance.

WE WANT YOU TO BE SUCCESSFUL...so here are some tips to help:

1. **GET ACQUAINTED WITH YOUR ADVISOR** during the first two weeks of school. He or she will help you select courses which meet core requirements and also support your transfer.
2. **SCHEDULE TIME WITH YOUR ADVISOR** immediately after term schedules are published to choose courses for upcoming semesters.
3. **REGISTER AS EARLY AS YOU CAN** to get into the courses you want and need.
4. **GET RELEVANT WORK EXPERIENCE** by participating in LRSC's Cooperative Education program to gain valuable hands-on work experience.
5. **ASE Certification and Automatic Transmission Builders Association testing is offered at LRSC.** You are encouraged to take the certification test upon completion of the program.

300k
available in scholarships

award
winning
faculty

100%
placement rates

\$40k
median wage

14:1
student:faculty ratio

Career options for you...

Graduates of the Lake Region State College Automotive Technology program work in a variety of fields in the automotive industry including automotive dealerships, independent shops and service center.

Automotive Technology (AAS)

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
AUTO 208: Hybrid and Light Duty Diesel Systems*	4
AUTO 221: Automatic Transmission Fundamentals*	4
AUTO 222: Automatic Transmission Diagnosis and Repair*	4
AUTO 238: Manual Drivelines*	6
AUTO 278: Heating and Air Conditioning*	3
AUTO 288: Engine Performance II*	6
ENGL 105: Technical Communications*	3
MATH 100 or HIGHER (required for Diploma/Certificate ONLY)*	3
TECH 238: Basic Welding*	2
Gen ED: English/Communciations	3
Gen ED: Humanities/Social Science	6
Gen ED: Math/Science/Computer Science	6
Gen ED: Physical Education (HPER/University 101)	2
Total AAS Credits	minimum 84
Diploma Credits	70
Certificate Credits	38

* 2 year diploma program courses

BOLD: 1 year certificate courses