



Lower Columbia College

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lowercolumbia.edu/auto



**Prepare for a career
in the trades**

**AUTOMOTIVE
TECHNOLOGY**

LCC is an AA/EEO employer - lowercolumbia.edu/aa-eeo

LCC Clery Annual Security and Fire Safety Report available at lowercolumbia.edu/CleryASFR

OVERVIEW

Modern automobiles are complex machines requiring service technicians who are highly skilled and knowledgeable about mechanical, electrical, and electronic systems. The automotive technology program provides a strong combination of classroom theory and hands-on practice, with courses based on competencies established by the National Institute for Automotive Service Excellence (ASE). You can earn a certificate in maintenance and light repair and an associate degree in automotive technology in this pathway.



SKILLS & ABILITIES

- Essentials of mechanics
- Automotive electrical systems
- Vehicle climate control
- Automotive chassis & engines
- Fuels & emissions
- Computer engine controls
- Automotive drivetrains
- Foundational skills for the trades
- Industrial safety
- Industrial communications
- Industrial math
- Human relations
- First Aid/CPR

DEGREE OPTIONS

Students who attend full-time can earn an automotive maintenance and light repair certificate in three quarters (one academic year) and an associate degree in automotive technology in three additional quarters (two academic years total).

CAREER PATHS

Automotive technology provides a variety of family-wage career opportunities where you solve problems using your hands-on technical skills.

- Automotive Service Excellence (ASE) master mechanic
- Auto technician
- Automotive drivability technician
- Automotive mechanic
- Automotive service technician
- Certified ASE master automotive technician
- Master automotive technician
- Master technician
- Mechanic
- Transmission rebuilder

