The certificate in automotive technology provides students with the education and training needed to become an entry level automotive technician. The automotive service industry is one of constant change as cars become more complicated. Highly trained technicians are needed to be able to understand, diagnose, and repair modern automobiles.

The program emphasizes hands-on training and in-class experience as students conduct under hood and under car maintenance inspections, to determine root cause of equipment failures, and make necessary repairs to the complex systems that make up today’s cars. The certificate qualifies students for entry-level positions within the automotive service and repair industry in the areas of electricity/electronics, brakes, suspension and alignment, and engine performance.
AUTOMOTIVE TECHNOLOGY

COURSE OFFERINGS

Please see the current catalog for complete degree information.

Major--Certificate
1) Complete the general university requirements.
2) Complete the certificate requirements.
3) Complete the following program (major) requirements:
   - AUTO F102 Introduction to Automotive Technology (3)
   - AUTO F110 Basic Electrical Systems (3)
   - AUTO F131 Automotive Electrical II (3)
   - AUTO F227 Automotive Electrical III (3)
   - AUTO F122 Engine Theory and Diagnosis (3)
   - AUTO F222 Automotive Engine Performance (3)
   - AUTO F202 Auto Fuel and Emissions Systems (4)
   - AUTO F150 Brake Systems (4)
   - AUTO F162 Suspension Alignment (4)
   - AUTO F190 Automotive Practicum I (4)

Minimum credits required - 34 credits
* Students must earn a C grade or better.

PROGRAM HIGHLIGHTS

Successful graduates from the automotive technology program go on to careers in dealerships, independent shops, and fleet repair facilities. Salaries vary depending on job placement and the student’s skill level.

PROGRAM REQUIREMENTS

As part of the certificate requirements, the communication and computation content is embedded in the major required courses for this program. Students planning to go on to an associate or bachelor’s degree need to work closely with their advisors and are encouraged to select courses meeting core requirements and courses designated within majors and minors. Only those courses with an “X” designator count toward the baccalaureate core.

APPLICATION PROCESS

- Review admission requirements with an advisor by calling 907-455-2932 or email mmhuerd@alaska.edu
- Apply for Admission to UAF: www.uaf.edu/admissions
- Apply for Financial Aid: www.uaf.edu/finaid/ or call 907-455-2832
- Find Classes & Register: www.uaf.edu/coursefinder/
- Get Your books & Class Materials Organized - UAF Bookstore: www.uaf.bkstr.com
- Start your Journey at UAF CTC!

PROGRAM CONTACT

Megan Huerd
Administrative Assistant, Automotive Technology
Hutchison Center, 3770 Geist Road, Fairbanks AK 99709
907-455-2932
907-455-2919 fax
mmhuerd@alaska.edu