

Automotive Technology

College of Rural and Community Development
Tanana Valley Campus
907-455-2809
www.tvc.uaf.edu

Certificate

Minimum Requirements for Certificate: 34 credits

The automotive technology program provides students with the education and training needed to become an entry level automotive technician. The automotive service industry is constantly changing as cars become more complicated. Highly trained technicians are needed to understand, diagnose and repair modern automobiles.

The program emphasizes hands-on training and in-class experience as students perform preventive maintenance inspections, determine causes of equipment problems and make necessary repairs and adjustments to the complex systems that make up today's cars. The certificate training 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.

Successful graduates from the automotive technology program go on to careers in dealerships, independent shops, service/IM stations, fleet repair facilities and aviation ground support. Salaries vary depending on job placement and the student's skill level.

Certificate Program

1. Complete the general university requirements (page 86).
 2. Complete the certificate requirements. (See page 88. As part of the certificate requirements, the communication, computation and human relations content are embedded in the major required courses for this program).
 3. Complete the following program (major) requirements:

AUTO F102 Introduction to Automotive Technology.....	3
AUTO F110 Basic Electrical Systems.....	3
AUTO F122 Engine Theory and Diagnosis	3
AUTO F131 Automotive Electrical II.....	3
AUTO F150 Brake Systems.....	4
AUTO F162 Automotive Practicum I.....	4
AUTO F190 Suspension Alignment	4
AUTO F202 Auto Fuel and Emissions Systems	4
AUTO F222 Automotive Engine Performance	3
AUTO F227 Automotive Electrical III.....	3
 4. Minimum credits required.....34
- * Students must earn a C grade or better.