

UNIVERSITY OF ALASKA FAIRBANKS  
**Student Learning Outcomes Assessment Plan**  
**Automotive Technology**  
 UAF Community and Technical College  
 11/17/2022

| Expanded Statement of Institutional Purpose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Intended Objectives/Outcomes                                                                                                                                                                                               | Assessment Criteria and Procedures                                                                                                                                                                      | Implementation (what, when, who)                                                                                                                                |
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| <b>MISSION STATEMENT:</b><br><b>The Automotive Technology Program is designed to enable students to gain understanding of automotive systems and practical skills leading to gainful employment in the automotive technology industry.</b><br><br><b>The Certificate in Automotive Technology provides prospective technicians with needed skills and training to compete for positions in auto service, parts distribution, auto diagnostics and testing, auto sales/service, and related fields</b><br><br><b>Students will gain a systems understanding of contemporary automobiles and light trucks. They will gain practical skills and on-the-job experience in diagnosing, repairing,</b> | Students who complete the Automotive Technology Program will possess the skills and knowledge to become highly competitive candidates for job openings and promotions within the automotive technology and related fields. | Graduates will secure employment as an automotive technician or a closely related field or go on for additional education, training or experience within one year.                                      | Program coordinator will track students and collect data every fall semester and provide this information to the program review committee.                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                            | Students will take an exit exam covering ASE Education Foundation tasks to determine their skills in automotive technology.                                                                             | Program coordinator will administer an exit exam each graduating semester prior to completion of the program to assess learning outcomes                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                            | Students who obtain a certificate will express satisfaction that the skills and knowledge they gained in the program was appropriate and adequate for their entry into the automotive technology field. | Program coordinator will conduct Outcome Assessment Graduate questionnaire prior to graduation and disseminate the results to the Automotive Technology faculty |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Employers of graduates of the Automotive Technology Program will be satisfied that these graduates possess the skills and knowledge necessary for entry level positions as an automotive technician.                       | A questionnaire will be sent to employers of graduates every fall semester to gauge the programs efficiency of applied knowledge of the student going into the industry at entry level.                 | Program coordinator will conduct survey of employers of graduates from previous two years and disseminate the results to the faculty                            |

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| <p>and maintaining such vehicles.</p> <p><b>GOAL STATEMENT:</b></p> <p><b>Provide a unique learning environment where students can obtain a high quality classroom education, hands-on training and practical vocational experience in the automotive technology industry and be responsive to the needs of communities, industry and government throughout Alaska.</b></p> |                                                                                                               |                                                                                                                                                                                  |                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                             | Computation assessment and procedures:                                                                        | Students will take an exit exam; that includes math computation problems of a type they would typically encounter while working as an automotive technician.                     | Program coordinator will administer an exit exam prior to completion of the program to assess that student's learning outcomes in computation to ensure the adequacy for employment as an automotive technician.                                     |
|                                                                                                                                                                                                                                                                                                                                                                             | Writing skills assessment and procedures:                                                                     | Students will keep and maintain a logbook journal of vehicle maintenance performed in Auto F102, F122, F150, F162, F110, F131, F227, F202, & F222 automotive technology classes. | Program coordinator will collect and evaluate student's logbook journals each semester to assess that student's learning outcomes in writing are adequate for employment as an automotive technician.                                                |
|                                                                                                                                                                                                                                                                                                                                                                             | <p>Oral communication skills sufficient for employment</p> <p>And</p> <p>Understanding of human relations</p> | Students will give an oral presentation and engage in mock customer interactions in Auto F102, F162, F110, & F222 automotive technology classes.                                 | Program coordinator will evaluate student's oral presentations and customer interactions each semester to assess that student's learning outcomes in oral communication and human relations are adequate for employment as an automotive technician. |