

UNIVERSITY OF ALASKA FAIRBANKS
Student Learning Outcomes Assessment Plan
Diesel/Heavy Equipment Certificate
Community & Technical College
May 6, 2021

Expanded Statement of Institutional Purpose	Intended Objectives/Outcomes	Assessment Criteria and Procedures	Implementation (what, when, who)
MISSION STATEMENT: The Diesel/Heavy Equipment Program provides individuals with quality academic, technical and professional skills required for entry-level employment in the heavy equipment industry GOAL STATEMENT: Provide students the needed skills required for entry level employment in the diesel maintenance industry and related fields. Provide a unique learning environment where students can obtain a high quality classroom education, hands on training, and practical vocational experience in the Diesel/Heavy Equipment repair industry. Responsive to the needs of communities,	Students who complete the Diesel/Heavy Equipment Maintenance Technology Program will possess the skills and knowledge to become highly competitive candidates for job openings and promotions within the diesel/heavy equipment maintenance and related fields.	Graduates will secure employment in the diesel/heavy equipment maintenance or a closely related field or go on for additional education, training, or experience within one year. Students will take an exit exam to determine their skills in Diesel/Heavy Equipment Maintenance. 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 diesel/heavy equipment field.	Program Coordinator will track students and collect data every fall semester and provides this information to the program review committee. Program Coordinator will administer an exit exam each spring semester prior to completion of the program to assess learning outcomes. Program Coordinator will conduct Outcome Assessment Graduate questionnaire prior to graduation and disseminate the results to the Maintenance Technology Diesel/Heavy Equipment faculty.
	Employers of graduates of the Diesel/Heavy Equipment Program will be satisfied that these graduates possess the skills and knowledge necessary for entry-level positions in the diesel/heavy equipment maintenance field.	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.

industry and government throughout Alaska, Canada and the United States of America	Computation skills sufficient for employment as a Diesel/Heavy Equipment mechanic.	Students will take an exit exam to determine whether their computation skills are adequate for employment in Diesel/Heavy Equipment Maintenance.	Program Coordinator will administer an exit exam each spring semester prior to completion of the program to assess computation learning outcomes.
	Writing skills sufficient for employment as a Diesel/Heavy Equipment Mechanic.	Students will take an exit exam to determine whether their writing skills are adequate for employment in Diesel/Heavy Equipment Maintenance.	Program Coordinator will administer an exit exam each spring semester prior to completion of the program to assess computation learning outcomes.
	Oral communication skills sufficient for employment and understanding of human relations	Students will take an exit exam to determine whether their oral communication and understanding of human relations skills are adequate for employment in Diesel/Heavy Equipment Maintenance.	Program Coordinator will administer an exit exam each spring semester prior to completion of the program to assess computation learning outcomes.

