

Navajo Technical University

Name: _____

ID#: _____

Technical Certificate – CDL/Heavy Equipment Operator - 33 Credits

The purpose of a one-semester certificate program in Heavy Equipment is to prepare students to operate and maintain heavy equipment for professional work in the construction industry. The students will receive classroom instruction and gain hands-on experience. A construction equipment operator drives and controls construction equipment, such as forklifts, backhoes, front end loaders, excavators, motor grades, and dozers. A heavy equipment operator assists construction of structures, bridges, roads, and buildings.

This is an entry-level tractor-trailer driver course. The primary goal of the program is to train the student driver to obtain a Commercial Driver license. Supervised training is used as a reliable way of teaching the special skills required to safely and legally operate various types of tractor-trailer combinations (van trailer, tanker, doubles, and triples). The curriculum incorporates general theories of tractor-trailer operation including proper maintenance, pre-trip inspections, daily log requirements, professional tractor-trailer maneuvers (basic skills) and field trips (driving the rig) throughout the Four Corners area. Graduates are employable as professional over-the-road drivers, drivers for local companies, or establish their own trucking company.

Semester One		Credit	Semester	Grade
HEOP 1110	Maintenance of Heavy Equipment	3		
HEOP 1115	Forklift Operation	2		
HEOP 1120	Backhoe Operation	2		
HEOP 1125	Front End Loader Operation	2		
HEOP 1130	Excavator Operation	2		
HEOP 1135	Motor Grader Operation	2		
HEOP 1140	Dozer Operation	2		
Semester Two				
CDL 100	General Knowledge	6		
CDL 101	Pre-Trip and Backing Skills	3		
CDL 102	Defensive Driving and Safe Practices	3		
CDL 103	Driving Skills, Rules and Regulations	6		
TOTAL REQUIRED CREDIT HOURS				33

*** Please check course descriptions for the appropriate prerequisite course(s).*

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 7/17/2026