



2023 Technical Skills Evaluation

To Potential Employers: This document reflects a fair and thoughtful evaluation of the student skills listed below. We believe these skills are essential for employment in this specific industry area, and I evaluate each student upon completion of a two-year program at Whitewater Career Center.

Student:

Program: Diesel Technology

DIESEL ENGINES	
5 4 3 2 1	Student performs the basic troubleshooting tasks to check the performance of an engine.
5 4 3 2 1	Student performs general engine service, diagnosis, and repair.
5 4 3 2 1	Student performs fuel system service, diagnosis, and repair.
5 4 3 2 1	Student performs cooling system service, diagnosis, and repair.
BRAKES	
5 4 3 2 1	Student performs air brake service, diagnosis, and repair.
5 4 3 2 1	Student performs hydraulic brake service, diagnosis, and repair.
STEERING AND SUSPENSION	
5 4 3 2 1	Student performs steering service, diagnosis, and repair.
5 4 3 2 1	Student performs suspension service, diagnosis, and repair.
5 4 3 2 1	Student performs wheel and tire service, diagnosis, and repair.
ELECTRICAL/COMPUTER ELECTRONICS	
5 4 3 2 1	Student performs general electrical system service, diagnosis, and repair.
5 4 3 2 1	Student performs starting/charging system service, diagnosis, and repair.
5 4 3 2 1	Student understands test tools, such as scan tool, and voltages, AMPS, and resistance.
5 4 3 2 1	Student performs computer/electronic system service, diagnosis, and repair.
INSPECTION AND PREVENTIVE MAINTENANCE	
5 4 3 2 1	Student performs engine and power train inspection and preventive maintenance.
5 4 3 2 1	Student performs electrical systems inspection and preventive maintenance.
5 4 3 2 1	Student performs full vehicle service including tire rotation inspection.
5 4 3 2 1	Student performs proper use for tools and identification.
5 4 3 2 1	Student performs frame and chassis inspection and preventive maintenance.
TRANSMISSIONS	
5 4 3 2 1	Student performs a basic understanding of the operation and ID of an HD manual transmission.
5 4 3 2 1	Student performs a standard automatic transmission service with filter and fluid change.
5 4 3 2 1	Student performs a tear down on a manual transmission.
HT CLIMATE CONTROL	
5 4 3 2 1	Student understands concepts of air conditioning and refrigerants as they relate to heavy trucks.
5 4 3 2 1	Student understands the purpose and functions of heating and air flow components as they relate to heavy trucks.

Evaluation Rating Scale: 5 = Proficient, 4 = Capable, 3 = Limited, 2 = Not Proficient, 1 = Training Not Received

Jarrod Hokey, Instructor

Date

For more information, contact:

