

Objective

By the end of this lesson, you will have a basic understanding of Large Diesel Engines and the requirements for obtaining a CDL license.

Materials and Prep

- Computer with internet access
- Pen and paper for notes
- Enthusiasm to learn!

No prior knowledge is required, just come ready to engage and ask questions.

Activities

- **Research Large Diesel Engines:** Use online resources to learn about the components, functions, and maintenance of large diesel engines.
- **Virtual Tour of Diesel Engine:** Watch videos or take a virtual tour of a large diesel engine to see how it operates.
- **Study CDL Requirements:** Look up the requirements for obtaining a CDL license in your state and note down the steps needed.
- **Practice CDL Written Test Questions:** Find sample CDL written test questions online and test your knowledge.

Talking Points

- **What is a Diesel Engine?**
"A diesel engine is a type of internal combustion engine that uses compression ignition to burn fuel."
- **Key Components of a Diesel Engine:**
"The main components include cylinders, pistons, fuel injectors, and a turbocharger."
- **CDL License Requirements:**
"To get a CDL, you need to pass written and skills tests, have a clean driving record, and meet age requirements."
- **Importance of CDL License:**
"Having a CDL allows you to legally operate commercial vehicles, opening up career opportunities in the transportation industry."