

## TTL 101 Introduction to Transportation & Logistics Course Syllabus

**Instructor:** \_\_\_\_\_

**Class Dates:** \_\_\_\_\_

**Contact Hours:** \_\_\_\_\_

**Location/Company:** \_\_\_\_\_

**Term:** \_\_\_\_\_

**Credits:** \_\_\_\_\_

### **Course Description:**

Overview and introduction to the safe operation of a commercial vehicle and the field of logistics. Includes the operation of basic and secondary control systems, coupling and uncoupling a tractor and trailer, cargo handling, and the proper method of conducting a pre-trip inspection. Covers applicable federal regulations including hours of service requirements and Commercial Driver's Licensing (CDL) requirements and distribution channels. Also includes methods of managing speed effectively, responding to road and weather conditions, and accident scene management. Safety is a key component.

### **Course Objectives:**

1. Introduce in a classroom setting the knowledge and skills necessary to operate a commercial vehicle safely.
2. Understand the logistics industry.
3. Introduce common warehouse and loading dock practices.
4. Describe the tasks and duties required of an entry-level trucker and warehouse worker.
5. Understand warehouse and loading dock safety

### **Student Learning Outcomes:**

After successfully completing the course, students should be able to:

1. Demonstrate an understanding of the logistics industry.
2. Describe pre-trip, enroute, and post-trip inspection practices.
3. Describe visual search techniques for potential hazards and critical objects.
4. Describe common warehouse and vehicle safety conventions.
5. Describe the procedures to verify nature, amount, and condition of cargo on both pick-up and delivery; verify load is placed and tied down correctly for weight; verify information on bill of lading and properly record and report discrepancies and damage to the cargo; obtain appropriate signatures on delivery receipts and other required forms; and properly prepare a manifest.
6. Describe state and federal regulations regarding environmental issues and licensing.
7. Comply with hours of service requirements and maintain a complete, neat, and accurate driver's daily log and logbook recap.
8. Describe inventory control and stocking processes.

### **Grading/Evaluation:**

Letter Grade (A-F) or Pass/No Pass. Student progress toward meeting the student learning outcomes is assessed through in-class assignments, assessments, and demonstration of acquired skills.

**Prerequisites:**

None

**Required Texts:**

Oregon Commercial Motor Vehicle Code

Company Specific CDL Training Materials

TTL 101 Introduction to Transportation & Logistics Participant Guide

**Major Topics:**

Control Systems

Vehicle Inspections

Inventory Control

Distribution Channels

Safety

The Logistics Industry

Visual Search

Vehicle Communication

Night Operation

Hazard Perception

Identification and Maintenance

Diagnosing and Reporting Malfunctions

Handling and Documenting Cargo

Federal and CDL Requirements

Accident Management