

BUS SAFETY COURSE FULL LESSONS

Understanding Safety & Risk

Presents the definitions of safety, accidents, risk and teaches operators how to use that knowledge to avoid unsafe behaviors (taking chances) and eliminate accidents.

LLLC Defensive Driving

Educates operators on how to drive defensively and prevent accidents by using the Four Principles to Driving Safely: Look Ahead, Look Around, Leave Room, and Communicate.

Large Vehicle Dynamics

Operators will learn about the increased risk of driving a large vehicle and how to prevent accidents. This course covers important information such as preventing tail swing and rollover accidents, maintaining a safe following distance, and more.

Following Distance

Educates operators about the importance of always maintaining a minimum safe following distance on dry road conditions and discusses how to adapt to different driving conditions.

Intersections

Educates operators about the risks associated with intersections and the best methods for negotiating a vehicle through controlled and uncontrolled intersections; covers left and right turns and using the Rock and Roll technique.

Lane Changing, Merging & Passing

Informs operators of the correct procedures to follow when changing lanes, passing and while merging onto and exiting a highway. Operators will understand the risks of lane changing, merging, and passing and perform these maneuvers safely.

Safe Backing

Covers the potential dangers of backing vehicles and how to avoid backing whenever possible; focuses on the changing environment, using spotters and standard hand signals, and using G.O.A.L (Get Out & Look).

Attentive Driving

Operators learn the definitions of attentive driving and how to minimize distractions while behind the wheel. They will learn how risky distracted driving is and how to utilize LLLC to reduce those risks.

Adverse Conditions

Explains how adverse conditions such as rain, snow, sleet, ice, and other dangerous road conditions increase risk. Operators learn how to slow down, leave more room, and prevent accidents in these conditions.

Preventing Pedestrian & Cyclist Collisions

This lesson covers the dangers that pedestrians & cyclists pose and how to implement LLLC and other defensive driving techniques to keep them as safe as possible.

Vehicle Inspections

Operators learn why vehicle inspections are important and the necessary steps to do pre-trip/post-trip inspections the correct way consistently.

FULL COURSE LIST (CONTINUED)

Mountain Driving

Educates operators on the increased risk of mountain driving in a bus and how to prevent serious accidents such as rollovers, head-on collisions, off-road incidents, and more.

Railroad Crossings

Explains the dangers of railroad crossings, the regulations on how busses need to navigate them, and the necessary steps to preventing accidents at all railroad crossings.

Emergency Procedures

Operators learn how to react to common emergencies such as accidents, fires, vehicle failures, and more. They learn the laws and necessary procedures for reducing risk and saving lives in these dangerous situations.

Wellness & Fatigue

Presents the risk of fatigued driving for professional operators and how to prevent it. The lesson also covers important facts related to diet, exercise, and stress management for bus operators.

Injury Prevention

Focuses on the most common injuries that happen out of the operator seat: slips, trips & falls. Operators learn how common and painful these injuries are and easy ways to prevent them.

Federal Regulations

Educates operators on important federal regulations from the D.O.T. and FMCSA such as hours of service, driver qualifications, etc.

SAFETY TUNE-UPS

1. Shifting
2. LLLC: Look Ahead
3. LLLC: Look Around
4. LLLC: Leave Room
5. LLLC: Communicate
6. Commentary Driving Explained
7. Commentary Driving in Action
8. Following Distance
9. Calculating Your Following Distance
10. Changing Lanes
11. Merging
12. Passing
13. Left Turns
14. Right Turns
15. Adverse Conditions: Rain

16. Adverse Conditions: Snow
17. Adverse Conditions: Sleet/Ice
18. Adverse Conditions: Limited Visibility
19. Entering & Exiting The Vehicle Safely
20. Mountain Driving
21. Narrow Bridges, Tunnels & Overpasses
22. Safe Backing
23. Safe Backing: Using a Spotter
24. Railroad Crossings
25. Road Failures
26. Crossing Intersections
27. Passing Cyclists
28. Vehicle Dynamics Kinetic Energy
29. Vehicle Dynamics – Friction
30. Vehicle Dynamics Centrifugal Force

