

**49 CFR 380 Part 380 Appendix B**

**CLASS B—CDL TRAINING CURRICULUM FOR THEORY**

There is no required minimum number of instruction hours for theory training, but the training instructor must cover all the topics in curriculum. Topics include: Basic Operation, Orientation, Control Systems/Dashboard, Pre & Post Trip Inspections, Basic Control, Shifting/Operating Transmissions, Backing & Docking, Safe Operation Procedures, Visual Search, Communication, Distracted Driving, Speed Management, Night Operation, Extreme Driving Conditions, Advanced Operating Practices, Hazard Perception, Skid Control/Recovery, Jackknifing and Other Emergencies, Railroad-Highway Grade Crossings, Vehicle Systems and Reporting Malfunctions, Identification and Diagnosis of Malfunctions, Roadside Inspections, Maintenance, Non-Driving Activities, Handling and Documenting Cargo, Environmental Compliance Issues, Hours of Service Requirements, Fatigue and Wellness Awareness, Post-Crash Procedures, External Communications, Whistleblower/Coercion, Trip Planning, Drugs/Alcohol, Medical Requirements.

- Does Not replace the CDL written test
- It is anticipated that Theory Training will be obtained on-line
- Theory Training requires a knowledge test with a minimum of 80% score – regulation contains no limit on attempts
- Theory Training can be obtained at any time prior to the CDL skills test

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**CLASS B—CDL TRAINING CURRICULUM FOR BTW**

There is no required minimum number of instruction hours required for BTW (range and public road) training, but the training instructor must cover all topics set forth in the BTW curriculum. BTW training must be conducted in a CMV for which a Class B CDL is required. The instructor must determine and document that each driver-trainee has demonstrated proficiency in all elements of the BTW curriculum unless otherwise noted. A simulation device cannot be used to conduct such training or to demonstrate proficiency. Training instructors must document the total number of clock hours each driver-trainee spends to complete the BTW curriculum. The Class B curriculum must, at a minimum, include the following:

**Note:** School Bus Regulation, KAR 91-38-6 require a minimum of 12 hours of BTW.

49 CFR 383.25 prohibits a Commercial Learners Permit (CLP) holder from transporting students

**Instructor requirements:**

- Minimum Class B CDL plus appropriate endorsements
- 2 years CMV driving experience
- NO CMV driving convictions during the two years prior
- Self-Certification with State

### **Behind-the-Wheel Range**

This unit must teach driving exercises related to basic vehicle control skills and mastery of basic maneuvers, as covered in §§383.111 and 383.113 of this chapter necessary to operate the vehicle safely. The training providers must teach driver-trainees activities in this unit on a driving range as defined in §380.605. The training provider must teach “Get Out and Look” (GOAL) to the driver-trainee as it applies to units B2.2-2.6.

#### **Unit B2.1 Vehicle Inspection Pre-Trip/Enroute/Post-Trip**

Driver-trainees must demonstrate proficiency in conducting pre-trip and post-trip inspections as specified in §§392.7 and 396.11, including appropriate inspection locations. Instruction must also be provided on enroute vehicle inspections.

#### **Unit B2.2 Straight Line Backing**

Driver-trainees must demonstrate proficiency in proper techniques for performing various straight-line backing maneuvers to appropriate criteria/acceptable tolerances.

#### **Unit B2.3 Alley Dock Backing (45/90 Degree)**

Driver-trainees must demonstrate proficiency in proper techniques for performing 45/90-degree alley dock maneuvers to appropriate criteria/acceptable tolerances.

#### **Unit B2.4 Off-Set Backing**

Driver-trainees must demonstrate proficiency in proper techniques for performing off-set backing maneuvers to appropriate criteria/acceptable tolerances.

#### **Unit B2.5 Parallel Parking Blind Side**

Driver-trainees must demonstrate proficiency in proper techniques for performing parallel parking blind side positions/maneuvers to appropriate criteria/acceptable tolerances.

#### **Unit B2.6 Parallel Parking Sight Side**

Driver-trainees must demonstrate proficiency in proper techniques for performing sight side parallel parking maneuvers to appropriate criteria/acceptable tolerances.

### **Behind-the-Wheel Public Road**

The instructor must engage in active two-way communication with the driver-trainees during all active BTW public road training sessions. Skills described in paragraphs B3.8 through 3.12 of this section must be discussed during public road training, but not necessarily performed. Driver-trainees are not required to demonstrate proficiency in the skills described in paragraphs B3.8 through 3.12.

**Unit B3.1 Vehicle Controls Including: Left Turns, Right Turns, Lane Changes, Curves at Highway Speeds, and Entry and Exit on the Interstate or Controlled Access Highway**

Driver-trainees must demonstrate proficiency in proper techniques for initiating vehicle movement, executing left and right turns, changing lanes, navigating curves at speed, exiting and entering the interstate, and stopping the vehicle in a controlled manner.

**Unit B3.2 Shifting/Transmission**

Driver-trainees must demonstrate proficiency in proper techniques for performing safe and fuel-efficient shifting.

**Unit B3.3 Communications/Signaling**

Driver-trainees must demonstrate proficiency in proper techniques for signaling intentions and effectively communicating with other drivers.

**Unit B3.4 Visual Search**

Driver-trainees must demonstrate proficiency in proper techniques for visually searching the road for potential hazards and critical objects.

**Unit B3.5 Speed and Space Management**

Driver-trainees must demonstrate proficiency in proper habits and techniques for adjusting and maintaining vehicle speed, taking into consideration various factors such as traffic and road conditions. Driver-trainees must demonstrate proficiency in maintaining proper speed to keep appropriate spacing between the driver-trainee's CMV and other vehicles. Instruction must include methods for calibrating safe following distances under an array of conditions including traffic, weather, and CMV weight and length.

**Unit B3.6 Safe Driver Behavior**

Driver-trainees must demonstrate proficiency in safe driver behavior during their operation of the CMV.

**Unit B3.7 Hours of Service (HOS) Requirements**

Driver-trainees must demonstrate proficiency in the basic activities required by the HOS regulations, such as completing a Driver's Daily Log (electronic and paper), timesheet, and logbook recap, as appropriate.

**Unit B3.8 Hazard Perception**

Driver-trainees must demonstrate their ability to recognize potential hazards in the driving environment in time to reduce the severity of the hazard and neutralize possible emergency situations. Driver-trainees must demonstrate the ability to identify road conditions and other road users that are a potential threat to vehicle safety and suggest appropriate adjustments.

**Unit B3.9 Railroad (RR)-Highway Grade Crossing**

Driver-trainees must demonstrate the ability to recognize potential dangers and to demonstrate appropriate safety procedures when RR-highway grade crossings are reasonably available.

### **Unit B3.10 Night Operation**

Driver-trainees must be familiar with how to operate a CMV safely at night. Training providers must teach driver-trainees that night driving presents specific circumstances that require heightened attention on the part of the driver. Driver-trainees must be taught special requirements for night vision, communications, speed, space management, and proper use of lights.

### **Unit B3.11 Extreme Driving Conditions**

Driver-trainees must be familiar with the special risks created by, and the heightened precautions required by, driving CMVs under extreme driving conditions, such as heavy rain, high wind, high heat, fog, snow, ice, steep grades, and curves. Training providers must teach driver-trainees the basic driving habits needed to deal with the specific challenges presented by these extreme driving conditions.

### **Unit B3.12 Skid Control/Recovery, Jackknifing, and Other Emergencies**

Driver-trainees must know the causes of skidding and jackknifing and techniques for avoiding and recovering from them. Driver-trainees must know how to maintain directional control and bring the CMV to a stop in the shortest possible distance while operating over a slippery surface. Driver-trainees must be familiar with proper techniques for responding to CMV emergencies, such as evasive steering, emergency braking, and off-road recovery. They must also know how to prevent or respond to brake failures, tire blowouts, hydroplaning, and rollovers.

## **PASSENGER ENDORSEMENT TRAINING CURRICULUM**

### **Behind the Wheel—Range and Public Road**

This BTW training consists of exercises related to basic vehicle control skills and mastery of basic maneuvers necessary to operate the vehicle safely. Activities in this unit will take place on a driving range or a public road as defined in §380.605. The instructor must engage in active communication with the driver-trainees during all BTW training sessions.

#### **Unit C2.1 Vehicle Orientation**

Driver-trainees must demonstrate their familiarity with basic passenger-carrying CMV physical and operational characteristics including overall height, length, width, ground clearances, rear overhang, gross vehicle weight and gross vehicle weight rating, axle weights, wheels and rims, tires, tire ratings, mirrors, steer wheels, lighting, windshield, windshield wipers, engine compartments, basic electric system, and spare tire storage. Additionally, driver-trainees must demonstrate techniques for proper driver's seat and mirror adjustments.

#### **Unit C2.2 Pre-Trip, Enroute, and Post-Trip Inspection**

Driver-trainees must demonstrate proficiency in conducting such pre-trip, enroute and post-trip inspections of buses and key components of §§392.7 and 396.11, and demonstrate their ability to inspect the following:

- (1) Emergency exits;
- (2) Passenger-carrying CMV interiors (including passenger seats as applicable);
- (3) Restrooms and associated environmental requirements;
- (4) Temperature controls (for maintaining passenger comfort); and
- (5) Driver and passenger seat belts.

Additionally, driver-trainees must demonstrate their knowledge of procedures, as applicable, in security-related inspections, including inspections for unusual wires or other abnormal visible materials, interior and exterior luggage compartments, packages or luggage left behind, and signs of cargo or vehicle tampering. Driver-trainees must be familiar with the operation of cycling-accessible lifts and the procedures for inspecting them for functionality and defects. For passenger-carrying vehicles equipped with said lifts and tie-down positions, trainee must demonstrate their ability to operate the cycling-accessible lifts.

### **Unit C2.3 Baggage and/or Cargo Management**

In this unit, driver-trainees must demonstrate their ability to:

- (1) Properly handle passenger baggage and containers to avoid worker, passenger, and non-passenger related injuries and property damage;
- (2) Visually inspect baggage and containers for prohibited items, such as hazardous materials and identify such items;
- (3) Properly handle and secure devices associated with ADA compliance including oxygen, wheeled mobility devices, and other associated apparatuses.

### **Unit C2.4 Passenger Safety Awareness Briefing**

Driver-trainees must demonstrate their ability to brief passengers on safety on topics including: Fastening seat belts, emergency exits, emergency phone contact information, fire extinguisher location, safely walking in the aisle when the bus is moving, and restroom emergency push button or switch.

### **Unit C2.5 Passenger Management**

In this unit, driver-trainees must demonstrate their ability to safely load and unload passengers prior to departure and to deal with disruptive passengers.

### **Unit C2.6 Railroad-Highway Grade Crossings**

Driver-trainees must demonstrate proper procedures for safely navigating railroad-highway grade crossings in a passenger-carrying CMV.

## **SCHOOL BUS ENDORSEMENT TRAINING CURRICULUM**

### **Behind the Wheel—Range and Public Road**

This unit must consist of exercises related to basic vehicle control skills and mastery of basic maneuvers. Activities in this unit will take place on a driving range or a public road as defined in §380.605. The instructor must engage in active communication with the driver-trainees during all active training sessions.

#### **Unit D2.1 Danger Zones and Use of Mirrors**

Driver-trainees must demonstrate the techniques necessary to ensure the safety of persons in the danger zone around the bus. Driver-trainees must practice mirror adjustment and usage. The types of mirrors and their use are shown, and cones used to demonstrate the requirements of 49 CFR 571.111.

#### **Unit D2.2 Loading and Unloading**

Driver-trainees must demonstrate the loading and unloading techniques learned in the theory portion of the training. Driver-trainees must demonstrate checking the vehicle for sleeping children and lost items at the end of the route.

#### **Unit D2.3 Emergency Exit and Evacuation**

Driver-trainees must demonstrate their role in safely evacuating the bus in an emergency.

#### **Unit D2.4 Special Safety Considerations**

Driver-trainees must demonstrate safe backing techniques and demonstrate their ability to avoid tail swing crashes by using reference points when making turns.

#### **Unit D2.5 Pre- and Post-Trip Inspections**

Driver-trainees must demonstrate proficiency in conducting pre-and post-trip inspections, as stated in §§392.7 and 396.11, and of school bus-specific equipment, such as mirrors, stop arms, crossing arms, emergency exits, fire extinguishers, passenger seats, first aid kits, interior lights, and temperature control.

#### **Unit D2.6 Railroad-Highway Grade Crossings**

Driver-trainees must demonstrate proper procedures for safely navigating railroad-highway grade crossings in a school bus.