

SYLLABUS – AIR BRAKE COURSE

CDL AIR BRAKE COURSE

Provides the basic information to PASS your CDL Air Brakes. And explains simply the operation of air brake systems and how to ensure these are in adjustment and working properly.

Work through each one of the videos. Each one covers a different aspect of the air brake system. After completing the videos, complete the review quiz before moving to the next lesson.

Advanced airbrake information is available on the Smart Drive Test YouTube channel. You can do any part of the course, but it is suggested that you do these in order.

You must achieve 80% on the final exam to earn your 'certificate of completion'.

LESSONS – CDL AIR BRAKE COURSE

Glossary (Definition of Terms) Air Brake Components, Valves & Systems DEFINED

- This glossary provides quick access for air brake terms.

LESSON #1 - Basic Air Brake Systems

Basics of Air brakes | Basic Air Brake Components | Air Compressor | Air Brake Governor | Air Dryer

- Review Quiz | Lesson #1
- Take Up Lesson #1 | Review Questions

LESSON #2 - Air Brake Pre-trip Inspection

Air Brake Pre-Trip Inspection Overview | Air Brake Pre-Trip Step-by-Step | Air Brake Adjustment | Leak Test

- Lesson #2 - Quiz
- Take Up Lesson #2 | Review Questions

LESSON #3 - Using Air Brakes

Using Air Brakes – Overview | Air Brakes Won't Fail | Downhill Braking | Downhill on Canada's Coquihalla

- Review Quiz | Lesson #3
- Take Up Lesson #3 | Review Questions

LESSON #4 - Combination Vehicle Air Brakes (Trailers)

Combination Vehicles (Semi-Trailers) | How to Test the Tractor Protection System

- Review Quiz | Lesson #4
- Take Up Lesson #4 | Review Questions

General Air Brake Quiz

AIR BRAKE TOOLKIT

These tools that will aid with your CDL Air Brake pre-trip inspection:

- In-Cab System Check Cheat Sheet
- Air Brake Pre-trip Inspection Checklist
- List of Valves & Functions
- Manual Slack Adjustment Cheat Sheet
- Air Brake Supplemental Information

AIR BRAKE SUPPLEMENTAL INFORMATION

- Air Compressor Page
- Build Up Test - Compressor Page
- Air Brake Governor | Air Brake Smart Lesson
- Air Brakes Explained Simply

AIR BRAKE PRACTICE QUIZZES

There are 5 practice tests that will quiz you on the information presented in the course. The practice tests are similar to the information and questions that you will answer for your license test.

The questions are multiple-choice and true false.

Each quiz has 25 questions. All questions provide feedback.

- Air Brake Practice Quiz #1
- Air Brake Practice Quiz #2
- Air Brake Practice Quiz #3
- Air Brake Practice Quiz #4
- Air Brake Practice Quiz #5

FINAL CDL AIR BRAKE QUIZ

The final course quiz consists of 25 questions.

- 5 questions - Basic Components
- 5 questions – Pre-trip inspection
- 5 questions - Downhill braking
- 5 questions - Air Brake sub-systems
- 5 questions - Auxiliary components

80% is required to pass the course.

After receiving a passing grade on the final exam, you will receive a certificate of completion.

The certificate will show that you have PASSED a Certified Air Brake Course.

1) Final Air Brake Quiz (Single Unit Vehicles)

2) Final Air Brake Quiz (Semi-Trailers Included)

When successfully completed you will receive your Smart Drive Test Air Brake Course Certificate