

Commercial Drivers License Driving Skills (CVOP 1145)



Credit: 1 semester credit hour (2 hours lab)

Pre-requisite: CVOP 1201

Course Description

Overview of the State of Texas Class A Commercial Drivers License driving test. In-depth coverage of in-cab air brake test, proper shifting, right-and-left hand turns, movement in traffic, parking of a tractor trailer, highway and city driving, and backward movement and control.

Required Textbook and Materials

1. Texas Commercial Vehicle Drivers Handbook
2. Handout literature

Course Objectives

Explain the air brake system; perform an in-cab air brake test; and demonstrate safe operation and compliance with the law in various maneuvers of a commercial vehicle in real traffic situations.

1. Safely operate utility vehicles.
2. Perform pre and post-trip inspections.
3. Explain the air brake system and perform an in-cab air brake test.
4. Connect and disconnect trailers with air brake systems.
5. Demonstrate safe operation and compliance with the law by performing maneuvers in a commercial vehicle through real traffic situations.

Course Outline

1. General Knowledge
 - a. Prologue Part 1 Sections 1,2,3
 - b. Safety
 - c. Maintaining space
 - d. Braking
2. Air Brakes Part 2 Section 5
 - a. Parts
 - b. Dual air brake
 - c. Inspecting air brakes
 - d. Using air brakes
3. Pre-Trip Inspection Part 3 Section 11
 - a. All vehicles
 - b. Inspection procedures
 - c. Post-trip inspections
 - d. During trip inspections

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4. On Road Test
 - a. Backing
 - i. Parallel parking
 - ii. Straight backing
 - b. Driving
 - i. Turns
 - ii. Up and Down shifting
 - iii. Vehicle control, communication and observation

Grade Scale

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

Course Evaluation

Final grades will be calculated according to the following criteria:

Activity	Percentage
Passing the DPS Driving Test	80%
Daily grades	20%
Total	100%

Grade points will be awarded in accordance with the college catalog.

Assignments are due on the due date. Late assignments are not accepted.

Course Requirements

1. Perform pre and post trip inspection
2. Demonstrate proper vehicle control
3. Demonstrate proper up and down shifting
4. Safely back and parallel park a combination vehicle
5. Perform air brake tests
6. Couple and uncouple trailer
7. Demonstrate safe driving practices
8. Obtain Class A CDL license

Attendance Policy:

1. Class attendance is important to obtain the educational objectives of this course. Prospective employers may also review your attendance records. Regular

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attendance and being on time for classes will have a positive effect on your academics and employment opportunities.

2. Two absences will result in 1 letter grade drop, three absences drop 2 letter grades.
3. **Four absences result in an F for the semester.**

Course Policies

1. Students are required to have a Class A CDL permit and a current DOT physical before starting the course.
2. This is a tobacco-free campus- no tobacco allowed on campus
3. No food or drinks in class.
4. Students must follow safety rules and procedures at all times. Failure to follow safety rules will require disciplinary action not limited to expulsion from LIT.
5. Students must have and wear **all required clothing at all times**, and have PPE and tools for participation in *class and Lab*.
6. Turn off all Cell Phones during class, labs, and when on the field. Unauthorized cell phone use will result in a 0 for the daily grade.
7. Do not bring children to class.
8. Cheating of any kind will not be tolerated. Students caught cheating or helping someone to cheat can and will be removed from the class for the semester. Cheating can result from expulsion from LIT.
9. If you wish to drop a course, the student is responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an 'F' in the course.
10. Internet Usage
 - a. Classroom computers have access to the internet.
 - b. Student usage of the internet will be monitored.
 - c. Proper usage of the internet will be allowed. Used for classroom research or as directed.
 - d. Any unauthorized use of the internet will not be tolerated.
 - e. Improper usage of the internet, such as profanity, pornography, gambling, etc... will result in disciplinary action not limited to expulsion from LIT.

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Disabilities Statement

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the online resource:

<http://www.lit.edu/depts/stuserv/special/defaults.aspx>

Student Code of Conduct Statement

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu or obtained in print upon request at the Student Services Office.

Course Schedule

Week	Topic	Reference
1	Course introduction and policies <ul style="list-style-type: none">• Show proof of permit from DPS, DOT physical results• Lecture: General Knowledge• Lab: Vehicle controls, trailer coupling and inspection	Handouts Prologue, Part 1 Sections 1,2,3
2.	General Knowledge <ul style="list-style-type: none">• Lecture, homework• Lab: Air brake test and inspection• Walk around inspection	
3	General Knowledge practice test <ul style="list-style-type: none">• Lecture: Driving, control, shifting• DPS test	
4	Air Brakes <ul style="list-style-type: none">• Lecture: Air brake inspection, parts• Homework, Air brakes• In-cab air brake test	
5	<ul style="list-style-type: none">• Air brake operation, coupling trailer air brakes• Air brake practice test• DPS test	
6-7	Pre-Trip Inspection <ul style="list-style-type: none">• Lab: Perform Pre-Trip inspection• Homework• Pre-Trip Inspection Practice Test• DPS Pre-Trip Test	Prologue, Part 1 Sections 1,2,3

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Week	Topic	Reference
8-16	Driving/CDL driving test <ul style="list-style-type: none">• Lecture• Driving practice, vehicle control, up and down shifting• Backing• Perform pre-trip inspection• Lab: Safe vehicle operation	Handouts

Contact Information:

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