

Lassen Community College Course Outline

CDL- 150 Commercial Driver's License – Permit Preparation 0.0 Units

I. Catalog Description

This course is designed to enable students to become familiar with regulations governing commercial vehicles and safe operational practices. This course follows state and federal guidelines for commercial driver training programs utilizing Federal Motor Carrier Safety Administration Entry Level Driver Training (ELDT) Curriculum. Upon completion of this course, students will understand the commercial driver qualification requirements, how to apply for a California Commercial Learner's permit (CLP), and be prepared to pass the CLP written exam at a California Department of Motor Vehicles (DMV) office. Students must be 18 years or older and meet the requirements set forth by California DMV to apply for a commercial learner's permit. Students must earn a minimum overall score of 80 percent on theory assessments as required by ELDT.

Diversity Statement

Our commitment to diversity requires that we strive to eliminate barriers to equity and that we act deliberately to create a safe and inclusive environment where individual and group differences are valued and leveraged for the growth and understanding as an educational community.

Recommended Preparation: *None*

Additional Course Information

Transfer Status: Non-Transferrable

Total Number of Hours by Instructional Method:

- 36 Hours Lecture, 72 outside class hours, 108 Total Hours of Instruction

Scheduled:

- Fall, Spring, Summer

II. Coding Information

Repeatability: Repeatable

Grading Option: Pass/No Pass

Credit Type: Not Degree Applicable/Non-Credit

TOP Code: 0947.50

III. Course Objectives

A. Course Student Learning Outcomes

Upon completion of this course the student will be able to:

1. Demonstrate proficiency, as defined by ELDT Standards, in all areas of commercial driving theory.
 2. Demonstrate the knowledge necessary to pass the California DMV CLP written exam.
- B. Course Objectives
- Upon completion of this course the student will be able to:
1. Understand basic commercial vehicle operation.
 2. Understand safe operating procedures of a commercial vehicle.
 3. Understand commercial vehicle advance operating practices.
 4. Understand commercial vehicle systems and reporting malfunctions.
 5. Understand the non-driving activities associated with possessing a commercial driver's license.
 6. Demonstrate the knowledge necessary to pass the desired California DMV CLP endorsement written exam.
 7. Demonstrate the knowledge necessary to pass the California DMV CLP written exam.

IV. Course Content

- A. Orientation.
1. Introduction
 2. Welcome to the truck industry
 3. A regulated industry
 4. Interstate vs intrastate
 5. Hours of service / logbooks
 6. Driver qualification
 7. Driver disqualification
 8. Be aware of your surroundings
 9. Truck stop etiquette
- B. Theory of Basic Operation.
1. Control Systems/Dashboard
 2. Pre-and post-trip inspection
 3. Basic Control
 4. Shifting / operation transmissions
 5. Coupling and uncoupling.
 6. Backing and docking.
 7. Clutch usage manual transmission.
 8. Turning, Steering and Tracking
 9. Size & weight limitations
- C. Safe operation procedures / practices
1. Distracted driving
 2. Visual search
 3. Communication
 4. Limited visibility
 5. Speed management
 6. Space management
 7. Night operation
 8. Extreme Driving/Mountain driving conditions

- D. Advanced Operating Practices
 - 1. Hazard Perception
 - 2. Skid control / Recovery, Jackknifing and other emergencies.
 - 3. Railroad – Highway crossing

- E. Vehicle Systems and Reporting Malfunctions
 - 1. Identification and Diagnosis of Malfunctions
 - 2. Roadside Inspections
 - 3. Maintenance

- F. Non-Driving Activities
 - 1. Handling and Documenting Cargo
 - 2. Environmental Compliance issues
 - 3. Hours of Service Requirements
 - 4. Fatigue and Wellness Awareness
 - 5. Post-Crash Procedures
 - 6. External Communications
 - 7. Whistleblower/Coercion
 - 8. Trip Planning
 - 9. Drugs/Alcohol
 - 10. Medical Requirements

- G. Endorsements
 - 1. Hazardous Materials
 - I. Basic Introductory HM Requirements
 - II. Operational HM requirements
 - III. Reporting HM crashes and releases
 - IV. Tunnels and Railroad (RR) Highway Grade Crossing requirements
 - V. Loading and Unloading HM
 - VI. HM on passenger vehicles
 - VII. Bulk Packages
 - VIII. Operating emergency equipment
 - IX. Emergency response procedures
 - X. Engine (fueling)
 - XI. Tire check
 - XII. Routes and route planning
 - XIII. Hazardous materials safety permits (HMSP)
 - 2. Airbrakes
 - 3. Doubles & Triples
 - 4. Tanker Vehicle
 - 5. Passenger Transportation

V. Assignments

- A. Appropriate Readings
 - 1. California Department of Motor Vehicle Handbook
 - 2. Federal Motor Carrier Safety Regulations pocketbook

3. Motor Carrier Road atlas
 4. Daily Logbook
- B. Writing Assignments
1. Complete log book
 2. Practice tests
- C. Specific Assignments that Demonstrate Critical Thinking
1. Evaluating weight/load limits for transportation
 2. Calculating proper hours of service and trip planning

VI. Methods of Evaluation

Traditional Evaluation

Classroom discussion, journals, lab demonstrations and activities, multiple choice quizzes, written exams and participation.

Hybrid Evaluation

Quizzes and exams could be administered in person and/ or online. Students will be expected to complete online assignments and activities equivalent to in class assignments and activities for the online portion of the course. Electronic communication, both synchronous and asynchronous (chat/forum) will be evaluated for participation and to maintain effective communication between instructor and students.

Online Evaluation

A variety of methods will be used, such as: research papers, asynchronous and synchronous (chat/forum) discussions, online quizzes and exams, posting to online website and email communications using the districts approved learning management system.

VII. Methods of Delivery

Check those delivery methods for which this course has been separately approved by the Curriculum/Academic Standards Committee.

- Traditional Classroom Delivery
- Correspondence Delivery
- Hybrid Delivery
- Online Delivery

Traditional Classroom Delivery

Lecture, discussion, audio/visual aids, demonstration, group exercises, guest speakers, lab, individualized programs and other as needed.

Hybrid Delivery

A combination of traditional classroom and online instruction will be utilized. Each semester a minimum of 17 hours, or 1/3 of the instruction hours, will be taught face-to-face by the instructor and the remaining hours will be instructed online through the technology platform adopted by the District. Traditional class instruction could consist of exercises/assignments, lectures, visual aids, practice exercises, exams and quizzes. Online delivery could consist of exercises/assignments, lecture posts, discussions, exams and quizzes, adding extra resources and other media sources as appropriate.

Online Delivery

A variety of methods will be used, such as: research papers, asynchronous and synchronous (chat/forum) discussions, online quizzes and exams, posting to online website and email communications using the districts approved learning management system.

VIII. Representative Texts and Supplies

1. California Department of Motor Vehicle Handbook (DL 650)
2. Federal Motor Carrier Safety Regulations Pocketbook (ISBN 978-1-60287-594-4)
3. Motor Carrier Road Atlas
4. Daily Logbook – instructor provided

IX. Course Status

1. Current Status: Active
2. Original Approval Date: 2/20/2024
3. Course Originator: John Wattenburg
4. Board Approval Date: 3/12/2024
5. Chancellor's Office Approval Date:
6. Revised By:
7. Curriculum/Academic Standards Committee Revision Date: