

I. CATALOG DESCRIPTION:

TRUCK 011#3

Heavy Duty Truck & Bus Driving, DMV Class "A" , Practical Examination Preparation

Practical instruction covering the operation of commercial trucking vehicles, student driving with hands on training, and commercial trucking internship leading to the skill and knowledge required for a Class "A" license, including an internship period as a student volunteer driver.

Laboratory 24 hours per week = 8 Units

PREREQUISITES: Students must have a valid California Class "C" (passenger vehicle) license; no more than two points on current DMV record; no SR-22 requirements; no physical limitations that might preclude the passage of a DOT/DMV physical examination, and the issuance of a DOT "Medical Card"; no history of DUI's within the last five years on DMV record; no parole restrictions that prevent travel out of county; ability to speak, read, understand and converse in normal, conversational English; ability to pass a DOT/DMV physical examination (DOT/DMV random drug tests required – DMV "pull-notice" program), and ability to drive a standard transmission vehicle.

PREREQUISITE/COREQUISITE: TRUCK 010 - Heavy Duty Truck & Bus Driving, DMV Class "A", Written Examination

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: Three

This is a laboratory class that emphasizes commercial truck driving skills that may need to be developed over a period of time to be able to demonstrate the proficient skills necessary to obtain a Class "A" license.

III. EXPECTED OUTCOMES FOR STUDENTS:

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

- A. Demonstrate knowledge and skills to successfully pass testing for a California Class "A" license.
- B. Demonstrate the ability to do pre-trip inspections and drive Class "A" vehicles in a safe and efficient manner.
- C. Analyze regulatory law and retrieve relevant information from the California Vehicle Code (CVC).
- D. Retrieve necessary CVC regulations and apply the regulations as they pertain to inspection, driving skills, and licensing.

IV. CONTENT:

- A. Practical instruction in operation of commercial trucking vehicles
 1. Skills course practice
 2. Safety Inspections and regulations
- B. Student driving
 1. Ride-along with professional drivers
 2. Driving under the guidance and review of a professional driver
 3. Logbook and CHP scales and inspection review
- C. Commercial trucking internship
 1. Driving under actual "work conditions"
 2. Working with professional trucking company
- D. Driving conditions; review and update; scales and inspections
 1. Adverse weather, review of fog, snow, ice, and wind
 2. Installation/application of adverse weather truck equipment
 3. Equipment performance in adverse weather
 4. Review of weight restrictions; scale procedures
 5. Highway patrol truck inspection; review of procedures

V. METHODS OF INSTRUCTION:

- A. Individual mastery learning activities using driving techniques
- B. Drive and ride-along with licensed professional drivers

- C. Logbook and trip procedures
- D. Hands-on skills and driving exercises

VI. TYPICAL ASSIGNMENTS:

- A. Read assigned chapters and answer questions at the end of each chapter.
Typical Question:
What is the maximum gross weight permitted for a tractor and semi-trailer in California?
- B. Demonstrate practical driving skills; backing up to off load trailer, specialized driving for adverse weather conditions
- C. Class presentation and oral report on ride-along experience
- D. Perform pre-trip and safety inspection on assigned tractors and trailers, documenting discrepancies and/or violations
- E. Properly complete mock logbook

VII. EVALUATION:

Methods of Evaluation:

- 1. DMV pre-trip skills and driving examinations
Typical Question:
Explain the steps in an air-check sequence and the importance of each step.
 - 2. Instructor evaluation of student demonstration of applied knowledge by oral and written exams
Typical Question:
What is the maximum load weight per axle? Explain the reason for this limit?
 - 3. Demonstrate practical skills and knowledge through the use of mock DMV practical skills testing. Students will be asked to demonstrate basic commercial driving skills performance by backing up to loading docks, narrow street driving procedures, etc.
 - 4. Examinations on pre-trip/safety inspection knowledge and skills both practical and written. Students will be required to complete a safety inspection form and write a work order for repairs and adjustments for compliance with regulations.
- B. Frequency of Evaluation:
- 1. Daily verbal
 - 2. Weekly demonstration of driving skills ability
 - 3. Weekly demonstration on pre-trip and safety inspection ability

VIII. TYPICAL TEXT(S):

California DMV, Commercial Driver's Handbook (new addition printed every year)
California DMV, California Vehicle Code Book (new addition printed every year)
US Department of Transportation, Coaching the Professional Truck Driver, 1999
Careers Publishing, Commercial Truck Driver Training, 1998

IX. OTHER SUPPLIES REQUIRED OF STUDENTS:

Gloves; tight (not baggy) work clothing; closed-toe shoes; logbook; road atlas