

POST PERISHABLE SKILLS PROGRAM (PSP)
DRIVER TRAINING/AWARENESS
Lake County Sheriff's Office
CCN: 4860-29502 | 4 hours

Statement of Purpose:

The course will provide the trainee with the minimum topics of Driver Training/Awareness required in the POST Perishable Skills Training Program including: Basic Driving Principles, Legal and Moral Aspects, Defensive Driving and Maneuvering Course Exercises.

The course consists of a hands-on/practical Driver Training/Awareness for in-service officers. Facility location: 1431 Hoyt Drive; 4913 Helbush Drive, Lakeport, CA 95453

DRIVER TRAINING/AWARENESS

Minimum Topics/Exercises:

- a. Safety Policy/Orientation
- b. Policy, legal and moral issues
- c. Vehicle Dynamics
- d. Defensive driving
- e. Intersections exercise(s)
- f. Backing/parking exercise(s)
- g. Behind the wheel exercises to improve driving skills – judgment and decision making
- h. Class Exercises, Student Evaluation, and or optional Testing

COURSE OBJECTIVES

The trainee will:

- 1. Demonstrate knowledge of their Driver Training/Awareness skills and techniques
- 2. Demonstrate a minimum standard of psychomotor skills with every technique and exercise to include:
 - A. Judgment and Decision Making
 - B. Policy, Legal and Moral Issues
 - C. Basic Driving Principles and Vehicle Dynamics
 - D. Defensive Driving

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EXPANDED COURSE OUTLINE

I. INTRODUCTION / ORIENTATION

II (a)

- A. Introduction, Registration and Orientation
 - 1. Course Roster
 - 2. Facility Overview
- B. Course Objectives/Overview/Exercises, Evaluation/Testing
 - 1. Course Objectives
 - a. Judgment and Decision Making
 - b. Policy, Legal and Moral Issues
 - c. Basic Driving Principles and Vehicle Dynamics
 - d. Defensive Driving
 - 2. Safety Policy/Orientation

II. LEGAL AND MORAL ASPECTS

II (b)

- A. California codes
 - 1. 17001 CVC
 - 2. 17004 CVC
 - 3. 17004.7 CVC
 - 4. 21052 CVC
 - 5. 21055 CVC
 - 6. 21056 CVC
 - 7. 21057 CVC
 - 8. 21806 CVC
 - 9. 21807 CVC
 - 10. 22350 CVC
 - 11. 13519 CVC
- B. Case law
 - 1. Brower v. Inyo (1989)
 - 2. Lewis v. Sacramento Co (1998)
 - 3. Cruz v. Briseno (2000)
 - 4. Nguyen v City of Westminster (2002)
 - 5. Scott v. Harris (2007)
 - 6. Additional case law as determined by instructor
- C. Agency policy
 - 1. Emergency Response Policy
 - 2. Pursuit Policy
 - 3. Additional agency policies
- D. Moral aspects
 - 1. Risk v Reward

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2. Letter of the law v Spirit of the law

III. VEHICLE CARE AND MAINTENANCE

II (c)

- A. Pre-shift Vehicle Inspection Interior
 1. General appearance
 2. Lights
 - a. OEM
 - b. Emergency
 3. Trunk
 - a. Spare tire
 - b. Fire extinguisher
 - c. Jack / Lug wrench
 - d. Flares
 - e. First aid kit
 - f. Blanket
 4. Interior
 - a. Trash / Debris
 - b. Clean windows
 - c. Adjust seat and mirrors
 - d. Check gauges
 - e. Brakes
 - f. Secure gear
 - g. Seatbelts
 5. Listen for unusual sounds
- B. Pre-shift Vehicle Inspection Exterior
 1. General appearance
 2. Lights
 3. Tires
 - a. Pressure
 - b. Wear
 - c. Damage
 4. Wheels
 5. Body damage

IV. BASIC DRIVING PRINCIPLES

II (c)

- A. Weight Transfer
 1. Weight distributed between front and rear wheels
 2. Types of weight transfer
 - a. Lateral: Side to side
 - b. Longitudinal: Front to rear/Rear to front
 3. Lateral transfer created when vehicle turned left/right
 4. Longitudinal transfer created when:

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- a. Braking - Rear to front
- b. Accelerating - Front to rear
- c. Decelerating (lifting off accelerator)- Rear to front
- 5. Can't be completely eliminated in a moving vehicle
- 6. Minimized by good driving techniques and smooth operation
- B. Steering Control
 - 1. Seating position
 - a. Driver comfort
 - b. Efficient vehicle control
 - c. Wrist break over top of steering wheel
 - d. Seated approximately 12" from air bag
 - e. Adjust mirrors
 - 2. Steering method – Two hand shuffle steering
 - a. Balanced hand positions per agency
 - b. Hands do not leave steering wheel
 - c. Maximizes steering accuracy
 - d. Safer and more effective recovery
 - e. Minimizes weight transfer
 - f. Minimizes air bag deployment injury (9 and 3, 8 and 4)
 - 3. Steering method – Backing II (f)
 - a. Body rotated to right
 - b. Right hand placed on right headrest
 - c. Vision directed over right shoulder
 - d. Left hand on steering wheel at 12 o'clock position
 - e. Left foot braced on floorboard
 - 4. Steering Method – Backing Utilizing Mirrors Only
 - a. Body in normal driving position
 - b. Check left and right mirrors (if possible, check rear view mirror)
 - c. Check to ensure backup camera video and/or sensors are engaged (if applicable)
- C. Roadway Position
 - 1. Definition: The position of the vehicle on the roadway that maximizes speed with minimum steering and risk of loss of vehicle control while negotiating a turn
 - a. AKA – Driving line
 - b. Driving points in a turn
 - 1. Entry (Point #1)
 - 2. Apex (Point #2)
 - a) Early
 - b) Traditional
 - c) Late
 - 3. Exit (Point #3)

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2. Driving Advantages
 - a. Minimize and control weight transfer
 - b. Minimize steering input
 - c. Smoother vehicle operation
 - d. Maximum speed through turns in the safest manner

V. DEFENSIVE DRIVING

II (d)

- A. Defensive Drivers
 1. Avoid collisions regardless of right-of-way
 2. React properly to hazards
 3. Maintain a professional attitude
- B. Dangerous Driver Attitudes
 1. Overconfidence
 2. Self-righteousness
 3. Impatience
 4. Preoccupation
 5. Distracted driving/Multi-tasking
- C. Collision Avoidance
 1. Space cushion
 - a. Three second rule
 - b. Perception / Reaction time
 - c. When stopped, see rear wheels of vehicle directly in front
 2. Intersections **II (e)**
 - a. Clear left, right, then left again
 - b. Cover brake on stale green
 - c. Don't turn wheels until ready for turn
 - d. Look through turns
 3. Maintain high visual horizon
 4. Consider steering to the rear of a conflict vehicle
 5. Backing
 - a. Large percentage of collisions involving LE vehicles
 - b. Use proper backing techniques
 - c. Use of or backup cameras
 6. Lane changes
 - a. Signal
 - b. Check mirrors
 - c. Optional back up camera
 7. Blind spots
 - a. Clear blind spots by looking over shoulders
 - b. Use of mirrors
 - c. Optional backup cameras
 8. Accident Mitigation Systems
 - a. Agency policy

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- b. Manufacture advisements
- D. Occupant Safety Devices
 - 1. Safety belts
 - 2. Supplemental Restraint System (air bags)
- E. Vehicle Dynamics **II (c)**
 - 1. Rear wheel cheat
 - 2. Front-end swing
 - 3. Oversteer
 - 4. Understeer
 - 5. Counter-steer

- V. MANEUVERING COURSE EXERCISES **II (g, h)****

- A. Offset Lane Exercise (Forward and Reverse)
 - 1. Roadway positioning (eye Placement and steering input)
 - 2. Appropriate throttle control and brake application
 - 3. Conscious of rear wheel cheat and front end swing
 - 4. Usage of pivot point (Reverse direction)
 - 5. Appropriate usage of mirror (reverse direction)
- B. Turn-Around Maneuver Exercise
 - 1. Student will demonstrate three-point turnaround, bootleg, and modified bootleg
 - 2. Maintain constant visual awareness of objects to the rear and sides until vehicle comes to a stop
 - 3. Demonstrate reverse steering (pivot point and front-end swing)
- C. Steering course Exercise
 - 1. Demonstrate proper application of forward and reverse methods of steering
 - 2. Coordination of steering and throttle control to minimize weight transfer during turning movements
 - 3. Maneuver around obstacles without striking them
- D. "T" Driveway
 - 1. Appropriate lane placement
 - 2. Appropriate adjustments for rear wheel cheat
- E. Parallel Parking Exercise **II (f)**
 - 1. Appropriate setup
 - 2. Finish within 18" of the curb
- F. Serpentine
 - 1. Setup/Knowledge of pivot point location
 - 2. Appropriate usage of mirrors
 - 3. Steering input and throttle control needed to accomplish goal
 - 4. Control of rear wheel cheat and front-end swing
- G. Additional Maneuvering Exercises as determined by Instructor
 - 1. Refer to Driver Awareness Instructor Manual

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2. Refer to Emergency Vehicle Operations Manual

VI. TESTING / REMEDIATION

II (h)

Testing: Any student scoring below standard on any exercise, as established by the presenter, will be remediated, and tested until competency is demonstrated to the satisfaction of the presenter.