HAYWARD POLICE DEPARTMENT
DRIVER TRAINING/AWARENESS
POST PERISHABLE SKILLS PROGRAM (PSP)
CCN: 21166 | POST Certification II | Reimbursement Plan IV | 10 hours

COURSE GOAL:

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, Maneuvering Course Exercises, Emergency Response Driving, and Pursuit Driving. The course will also provide students with continued training in the performance of the Pursuit Intervention Technique (P.I.T), "Stop Stick" deployment, StarChase deployment, blocking of vehicles, as well as an opportunity to review Hayward Police Department's Pursuit/Pit Policy.

The course consists of a hands-on/practical Driver Training/Awareness for in-service officers.

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. Emergency Response Driving
i. Pursuit Driving
j. 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
E. Emergency Response Driving
F. Pursuit Driving
G. Intervention Techniques ("P.I.T" Maneuver) / Risk Assessment
H. Blocking of vehicles
I. StarChase deployments

Minimum standards of performance shall be tested by an instructor observing the trainee during their performance of each technique and exercise. If the trainee does not meet minimum standards, as established by the presenter, remediation will be provided until the standard is met.

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

12. Discussion of PC 835(a)

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
   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. Engine location has greater part of weight distribution
3. Types of weight transfer
a. Lateral: Side to side
b. Longitudinal: Front to rear/Rear to front
4. Lateral transfer created when vehicle turned left/right
5. Longitudinal transfer created when:
a. Braking - Rear to front
b. Accelerating - Front to rear
c. Decelerating (lifting off accelerator)- Rear to front
6. Can't be completely eliminated in a moving vehicle
7. 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. Press left leg against bottom of the steering wheel for stability
f. 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)
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
d. Be aware of your surroundings when you enter your vehicle to back up

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
   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)
   6. Students will be evaluated on the following:
      a. Steering control
      b. Throttle control
      c. Speed control
      d. Rear wheel cheat
      e. Front end swing
      f. Brake application
      g. Visual awareness of obstacles
      h. Smoothness and coordination
      i. Use of road position

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)
4. Students will be evaluated on the following:
   a. Steering forward
   b. Steering while tires are rolling
   c. Use of road position
   d. Brake application
   e. Front end swing
   f. Rear wheel cheat.
   g. Speed control
   h. Visual awareness of obstacles
   i. Smoothness and coordination

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
4. Students will be evaluated on the following:
   a. Steering control
   b. Use of road position
   c. Rear wheel cheat
   d. Front end swing
   e. Speed control
   f. Smoothness and coordination
   g. Visual contact with obstacles to rear

D. "T" Driveway
1. Appropriate lane placement
2. Appropriate adjustments for rear wheel cheat
3. Students will be evaluated on the following:
   a. Steering forward
   b. Steering while tires are rolling.
   c. Use of road position
   d. Brake application
   e. Front-end swing.
   f. Rear wheel cheat
   g. Speed control
   h. Visual awareness of obstacles
   i. Smoothness and coordination

E. Parallel Parking Exercise **II (f)**
1. Appropriate setup
2. Finish within 18" of the curb

3. Students will be evaluated on the following:
    a. Approach Position
    b. Steering control
    c. Entry angle
    d. Front-end swing
    e. Visual awareness of obstacles
    f. Correct parking (18" < from curb
    g. Single movement placement.
    h. Safe exit.

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
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.

VII. BASIC DRIVING PRINCIPLES FOR EMERGENCY RESPONSE **II (g)**

A. Throttle Control
1. Full throttle is total depression of accelerator pedal
2. Maximum acceleration is accelerating as quickly as possible to full throttle without losing traction
3. Increased throttle will widen the arc of the driving line in a turn, and will increase weight transfer
4. Decrease of throttle will tighten the arc of the driving line in a turn

B. Speed Judgment
1. Ability of a driver to estimate a safe speed for any given situation
2. Considerations
    a. Road conditions
    b. Type of driving maneuvers
    c. Driver ability
    d. Vehicle ability
    e. Weather conditions
3. Closure rate
    a. Being able to judge the proper rate of deceleration necessary to negotiate a curve, avoid a hazard, or stop

C. Brake Application

1. Normal
2. Panic
3. ABS
4. Threshold (does not apply to vehicles equipped with ABS)
    a. 0-10 scale
    b. More "cooling" time
    c. Allows speed for longer distance before brake application
    d. Steering always available

VIII. VEHICLE OPERATION FACTORS **II (d, g)**

A. Operational Tactics and Considerations
1. Radio
    a. Distracted driving
    b. Broadcast while driving in a straight line
    c. Stay calm and speak clearly
    d. Lapel mic, optional
2. Use of MDT/Computer
    a. Consistent with agency policy, ensure monitoring and utilization of MDT and other displays does not create a hazard
    b. Use radio for communications of immediate nature
    c. Collisions while operating the MDT/Computer will usually be found to be preventable

B. Blocking Access to Intersections
1. Officer Safety
2. In pursuit, park off to side and get out of the way
3. No guarantee of safety

C. Blocking Roadway
1. Position vehicle appropriately
2. Lighting
3. Trunk
4. Stand away from rear of vehicle
5. Face traffic when walking

IX. EMERGENCY RESPOSE DRIVING & PURSUIT DRIVING

A. Emergency Response Driving
1. Clearing Intersections
2. Spacing between vehicles
3. Speed appropriate for conditions
4. Smooth brake application
5. Smooth steering control
6. Appropriate driving lines
7. Dealing with interference car

B. Pursuit Driving
1. Clearing Intersections
2. Spacing between vehicles
3. Speed appropriate for conditions
4. Smooth brake application
5. Smooth steering control
6. Appropriate driving lines
7. Dealing with interference car
8. Proper broadcasting of the pursuit.

X BLOCKING OF VEHICLES

A. Blocking is a low-speed tactic where one or more authorized police Vehicles intentionally restrict the movement of a suspect vehicle, with the goal of containment or preventing a pursuit. Blocking is not boxing in or a roadblock.

B. Blocking should only be used after giving consideration to the following.

1. The technique should only be used by officers who have received training in the technique.
2. The need to immediately stop the suspect vehicle or prevent it from leaving reasonably appears to outweigh the risk of injury or death to occupants of the suspect vehicle, officers, or other members of the public.
3. It reasonably appears the technique will contain or prevent a pursuit

C. Considerations for use.

1. Can the vehicle be contained?
2. Type of crime being investigated.
3. Is there some element of surprise present?
4. Up close and personal.
5. Contain or traditional standoff / pick or choose.
6. Don't be glued to your car door.
7. Multi vehicle containment.

XI. INTERVENTION TECHNIQUES/RISK ASSESSMENT (PURSUIT INTERVENTION TECHNIQUE OR P.I.T.)

1. Policy considerations
2. Appropriate speed
3. Placement of patrol vehicle to achieve intended result
4. Steering input and throttle control
5. Speed requirements

6. Students will perform the P.I.T maneuver at the following speeds
   a. 30mph
   b. 35mph
7. Students will be required to perform the maneuver using each side of the "suspect" vehicle.
8. Student will be required to perform the PIT maneuver on ESC and non-ESC equipped vehicle.
9. Student will be required to demonstrate proper vehicle positioning for a high risk stop after the P.I.T. maneuver has been performed.
10. Students will be evaluated on the following
    a. Matching of the "suspect" vehicles speed
    b. Proper contact placement with the suspect vehicle
    c. Proper application of the P.I.T maneuver

XII. STOP STICK PRACTICAL EXERCISE **II(b)**

A. Students will be required to properly deploy the Stop Sticks during a mock pursuit.

1. Students will be evaluated on the following:
   a. Proper preparation of the stop sticks and retrieve handle
   b. Proper side arm throwing technique
   c. Proper placement in roadway
   d. Proper removal of device once "suspect" vehicle passes over it.

XIII. CODE 3 / PURSUIT COURSE **II(b)**

A. Students will participate in three (3 minute) pursuits rotating between the the number 1 car position to the number 3 car position.

1. Students will be evaluated on the following:
   a. Proper roadway positioning.
   b. Proper application of shuffle steering
   c. Proper application of threshold breaking
   d. Proper throttle control
   e. Ability to provide clear radio traffic

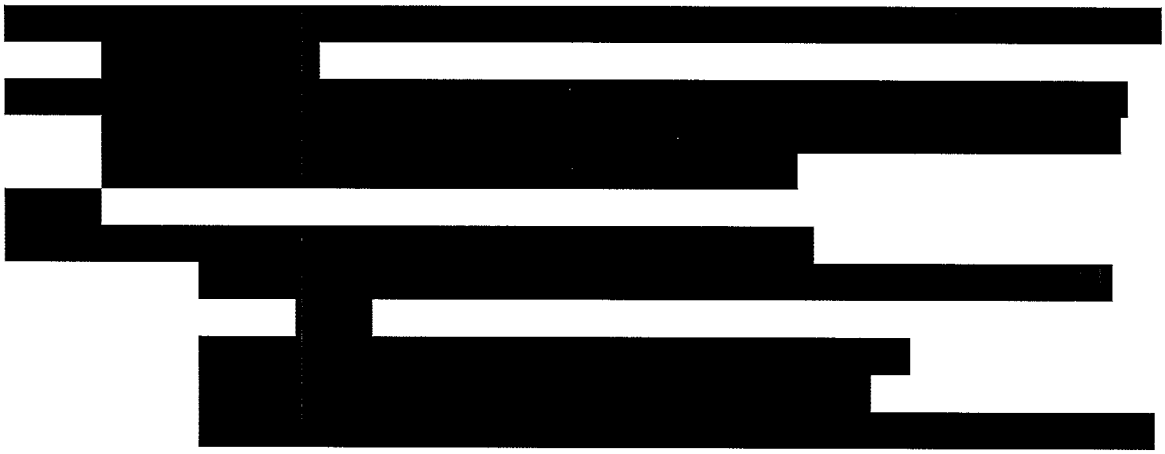
XIV. ROAD COURSE EXERCISE **II(b)**

A. Students will be required to complete one lap through the road course

1. Students will be evaluated on the following

a. Students will be disqualified for striking a cone
b. Student must complete the lap under 1:15 seconds

XV. PRACTICAL P.I.T. EXERCISE **II(b)**

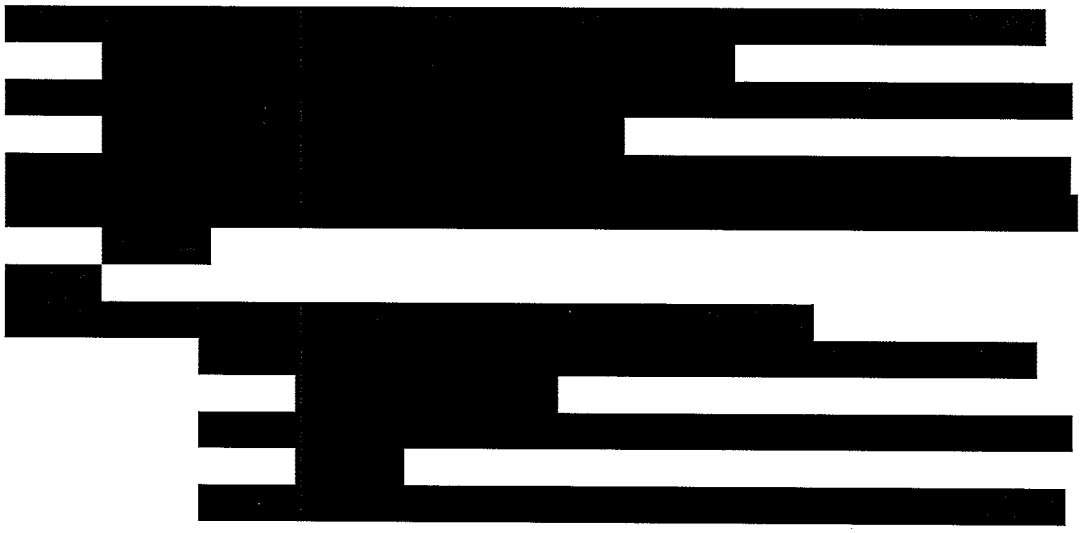


XVI. VEHICLE DYNAMICS COURSE **II(b)**

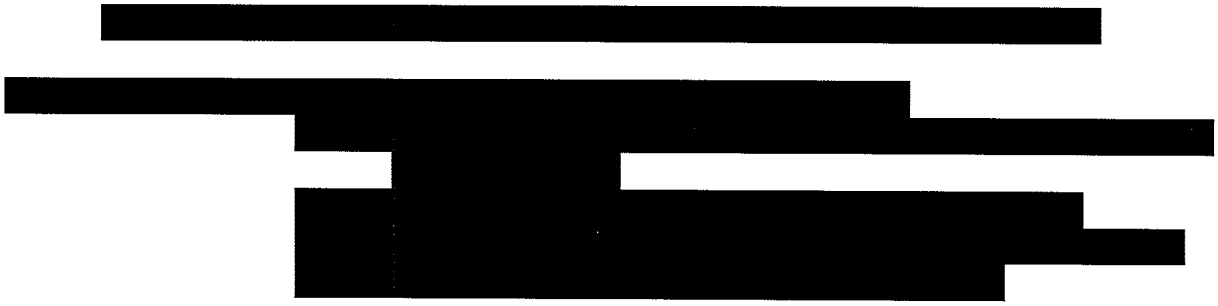
A. Student will be required to complete the entire course without delay

1. Students will be evaluated on the following:
   a. Utilizing proper shuffle steering technique
   b. Utilizing proper backing technique
   c. Not striking any cones

XVII. STARCHASE PRACTICAL EXERCISE **II(b)**



XVIII. VEHICLE BLOCKING PRACTICAL EXERCISE **II(b)**



XVIII. TESTING/REMEDIATION

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.