

DRIVER TRAINING SIMULATOR

Santa Clara County, Office of the Sheriff – 2270

CCN: 20985 | POST Certification II | Reimbursable Plan IV | 4 Hours

COURSE GOAL:

In this class, students will learn judgement, decision-making, and critical thinking skills for operating an emergency vehicle during routing driving, code-3, and pursuit conditions. The student will practice driving on a driving simulator utilizing scenarios approved by POST. The course will also 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.

DRIVER TRAINING/AWARENESS

Minimum Topics/Exercises:

- a. Introduction/Objectives/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

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.

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EXPANDED COURSE OUTLINE

- I. Introduction of program and instructors
 - A. Roster sign-in, overview of program and expectations
 - B. Explanation of Simulator Adaptation Syndrome / Use of Sea Bands
 - C. LEGAL AND MORAL ASPECTS II (b)
 - a. California codes
 - i. 17001 CVC
 - ii. 17004 CVC
 - iii. 17004.7 CVC
 - iv. 21052 CVC
 - v. 21055 CVC
 - vi. 21056 CVC
 - vii. 21057 CVC
 - viii. 21806 CVC
 - ix. 21807 CVC
 - x. 22350 CVC
 - xi. 13519 CVC
 - b. Penal Code 835(a)
 - c. Case law
 - i. Brower v. Inyo (1989)
 - ii. Lewis v. Sacramento Co (1998)
 - iii. Cruz v. Briseno (2000)
 - iv. Nguyen v City of Westminster (2002)
 - v. Scott v. Harris (2007)
 - vi. Additional case law as determined by instructor
 - d. Agency policy
 - i. Emergency Response Policy
 - ii. Pursuit Policy
 - iii. Additional agency policies
 - e. Moral aspects
 - i. Risk v Reward
 - ii. Letter of the law v Spirit of the law
- II. Presentation outline
 - A. Training philosophy
 - 1. Create a positive attitude toward vehicle operations

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2. Increase officer survival and public safety
 3. Increase awareness as a driver
 4. Review liability issues
- (f)**
- a. Lawsuits
 - b. Disciplinary actions
 - c. Monetary losses and loss due to injury
5. Evaluate judgment and decision making skills **(b)**
 6. Permit students to experience the consequences of their decisions in a safe environment.

B. Program application

1. Training is not skills intensive
 2. Emphasizes judgment and proper driving tactics
 3. Requires demonstration of knowledge and rules
- a. State laws
 - b. Agency policy
 - c. Accepted standards and procedures
4. Provides simulated life and death situations
- a. Real-time dangerous conditions without the risk
 - b. Practice of emergency driving without the risk
 - c. Replay responses and critical decision areas
 - d. Review collisions
 - e. Review of tactical decisions at end of scenarios
5. Is not intended to replace hands-on EVOC training
 6. Evaluates knowledge and defensive driving skills
 7. Programmed scenarios **(a)(c)(d)(e)(g)(f)(h)**
- a. Pre-programmed set of circumstances
 - b. Realistic driving situations
 - c. Normal routine driving
 - d. Traffic stops
 - e. Code 3
 - f. Pursuits
8. Defensive driving
- a. Avoids collisions regardless of right-of-way

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- b. Recognizes hazards
 - c. Reacts properly to hazards
 - d. Maintains a professional attitude
 - e. Develops a habit of intersection analysis
 - f. Passing other vehicles
 - g. Collision avoidance
 - h. Radio use while driving
 - i. Use of MDT while driving
- C. Universe and scenario orientation
- 1. Orientation of universe and scenario orientation
 - 2. Simulator system orientation
- D. Driving Demonstration **(a)(c)(d)(e)(g)(f)(h)**
(Using FAAC Commercial, LE-1000 Driver Simulator. CAP below refers to the scenarios in this system)
- 1. CAP-204
 - 2. Reference points
 - 3. Scan all screens to develop good habits
 - 4. Clear intersections left-center-right-left, lane by lane
 - 5. Learn the feel of the system and its controls
 - 6. Drive the CAP-204 exercise and audibly explain what is expected
 - 7. Have students drive CAP-204 and point out any issues seen
 - 8. Have students drive all required CAP exercises as follows:
 - a. CAP-223
 - b. CAP-302
 - c. CAP-304
 - d. CAP-322
 - e. CAP-506
 - f. CAP-510
 - g. CAP-511
 - h. CAP-512
 - i. CAP-520A
 - j. CAP-520B
 - k. CAP-551
 - l. CAP-580
 - m. CAP-802
 - n. CAP-900
 - o. CAP-905
 - p. CAP-929
 - q. CAP-820
 - r. CAP-725 (linked)

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- E. Vehicle control techniques **(a)(c)(d)(e)(g)(f)(h)**
 - 1. Steering
 - 2. Braking
 - 3. Weight transfer
 - 4. Road position
 - 5. Speed judgment
 - 6. Throttle usage

- F. Emergency driving procedures and policy **(a)(c)(d)(e)(g)(f)(h)**
 - 1. Initiation and termination of pursuits
 - 2. Emotional factors
 - 3. Legal provisions

- G. Emergency vehicle operations regulations
 - 1. 21052 VC
 - 2. 21055 VC
 - 3. FERP
 - 4. 21056 VC
 - 5. 21807 VC
 - 6. 21806 VC

- H. Vehicle operations tactics **(a)(c)(d)(e)(g)(f)(h)**
 - 1. Close distance before attempting stop
 - 2. Consider backing off if an air unit is available
 - 3. Offensive tactics
 - 4. Pursuits are following actions
 - 5. General pursuit considerations

- III Follow-up, question / answer period

- IV Program critique and evaluations – end of program **(b)**