

# ELECTRONIC WEAPONS

POST Course

POST COURSE OUTLINE

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Course Title: **ELECTRONIC WEAPONS**

## LEARNING OBJECTIVE:

The purpose of this course is to provide students with the theory and practical training necessary to safely and effectively operate an electronic weapon as a non-lethal use of force option. At the conclusion of this training, students will be able to explain how an electronic weapon overrides the central nervous system, and they will be able to demonstrate proficiency in the function and use of such a weapon. This course is designed to meet the minimum requirements of POST regulation 1084(a)

An instructor observing the trainee during their performance of each learned technique and exercise will evaluate minimum standards of performance. At the conclusion of the course students will be required to complete a written and practical test. If the trainee fails to meet minimum standards, remediation will be provided until the standard is met.

COURSE OBJECTIVES: Upon Completion of this Course, The Student Will Be Able to Demonstrate:

1. The function of an electronic weapon and how it overrides the central nervous system.
2. Readyng the weapon for use, deployment considerations, and application considerations.
3. Proper weapon care, storage, and procedures for repair.
4. Knowledge of Pleasant Hill Police Department Policy regulating the use of electronic weapons.
5. The preparation of and firing of two cartridges at an Electronic Weapon target using the protocols learned.

Course Content: ..... 4:00 HOURS

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|--|------|
| 1. Introduction and registration .....   | 0:10 |
| 2. Electronic Weapons Introduction ..... | 0:50 |
| 3. Deployment and Application .....      | 1:00 |
| 4. Maintenance and Care.....             | 1:00 |
| 5. Policy Considerations.....            | 0:30 |
| 6. Practical Exercise and Testing.....   | 0:30 |

## HOURLY DISTRIBUTION SCHEDULE ELECTRONIC WEAPONS

0000 – 0010	Introduction/Registration Safety Orientation Explain testing
0010 – 0100	Electronic Weapons Introduction
0100 – 0200	Deployment and Application
0200 – 0300	Maintenance and Care
0300 – 0330	Policy Considerations
0330 – 0400	Practical Exercises and Testing

## I. Class Introduction

- A. Instructor Introduction and Registration
- B. Class Safety
  - 1. Lay out adequate mats for class size.
  - 2. Confirm with students there are no pre-existing injuries
  - 3. Advise students to report any injuries incurred.
  - 4. Discuss PHPD Training Safety Plan (Electronic Weapons safety)
  - 5. Exposure waivers
    - a. Safety precautions

## II. Electronic Weapons Introduction

- A. Basic technology overview
  - 1. History
    - a. Handhelds v. Projectile devices
    - b. Primer driven (1973)
    - c. Taser (1994)
  - 2. Conducted energy weapons
  - 3. Stun vs. EMD
  - 4. Pain compliance vs. incapacitation
- B. Electrical and medical overview
  - 1. High voltage (50,000 volts)
  - 2. Low amperage (.004 amps)
  - 3. Low joules (1.76 joules per pulse)
  - 4. Amounts to safe energy
  - 5. "It's not the volts that are dangerous, it's the amperes"
  - 6. Common effects of EMD
  - 7. Drugs and Taser usage
  - 8. Side effects
  - 9. What Taser won't do
  - 10. Probe removal

a. Medical Personnel Only

C. Weapon Safety

1. Cartridge Safety

D. Electronic Weapon nomenclature/function

1. Digital Pulse Controller (DPC)
2. Digital Power Magazine (DPM)
3. DPM replacement
4. Spark test
5. Safety
6. Central Information Display (CID)
7. Illumination selector
8. Holsters
9. Dataport

E. Cartridges

1. Probe trajectory
2. Reversible loading
3. Cartridge/probe types
4. Wires
5. AFID tags

### III. Electronic Weapon Deployment and Application

A. Cartridge Loading

B. Aiming

C. Effective Target Zones

D. After the suspect is incapacitated

1. Going "Hands On"
2. Avoiding inadvertent application to involved officers.

E. Planning for Contingencies

1. Darts fail to make contact
2. Suspect is too close for proper dart spread.

- F. Effects on animals
- G. Tactical Considerations
  - 1. Multiple force options
  - 2. Multiple involved officers
- H. Drive Stun Use
  - 1. Pain compliance vs. EMD

#### **IV. Electronic Weapon Maintenance and Care**

- A. Battery removal and weapon service
  - 1. "00" displays
- B. Stored firing data download process
  - 1. Policy Manual 309
- C. Repair Process

#### **V. Policy Considerations**

- A. Policy Manual 309
  - 1. Legal/Ethical Consideration
  - 2. Review of Force Policy
    - a. Electronic Weapon – Reportable Force
    - b. When to Use
    - c. When not to use
    - d. Multiple applications 309.5.4
    - e. Medical clearance in ALL applications
      - i. No dart removal
  - 3. Electronic Weapon shall be carried at all times by patrol personnel
  - 4. Electronic Weapon # and serial # shall be noted in Use of Force report to allow for download.
    - a. Electronic Weapon does not need to be taken out of service after use.
  - 5. Accidental discharges result in a memo from supervisor to PDC.

## VI. Practical Exercise and Testing

- A. Electronic Weapon Preparation
  - 1. Spark test
- B. Electronic Weapon Firing
  - 1. Safe attachment of cartridge
  - 2. Use of Laser sight to locate top dart striking area.
  - 3. Fire cartridges
- C. Post-firing
  - 1. Disconnect cartridge
  - 2. Storage of darts and wire.
- D. Written Test