

San Diego County Sheriff's Department
11550(a) H&S - Under the Influence
Expanded Course Outline

- I. Drugs in Society
 - a. Define
 - i. Homeostasis
 - b. Relevant Laws
 - i. Under the Influence
 - 1. 11550(a) H&S
 - 2. 647(f) PC
 - 3. 23152(a) VC
 - ii. Possession
 - 1. 11350(a) H&S
 - 2. 11377(a) H&S
 - 3. 11357(b) H&S
 - a. Medical Marijuana
 - 4. 4060 B&P
 - 5. 381 PC
 - iii. San Diego Crime Lab Testing Panel
 - 1. Amphetamines
 - 2. Opiates
 - 3. Cocaine
 - 4. PCP
 - 5. Cannabinoids
 - 6. Benzodiazepines

- II. DRE Classification of Drugs
 - a. CNS Depressants
 - i. Types
 - 1. Barbiturates
 - 2. Non-Barbiturates
 - 3. Anti-Anxiety Tranquilizers
 - 4. Anti-Depressants
 - 5. Anti-Psychotic Tranquilizers
 - 6. Combinations
 - ii. Methods and signs of Ingestion
 - 1. Paraphernalia
 - iii. Effects
 - 1. General Indicators
 - 2. Onset and Duration
 - a. Short Term
 - b. Long Term
 - iv. Symptomology
 - 1. Overdose
 - 2. Drug Matrix Chart

 - b. CNS Stimulants
 - i. Types

1. Cocaine
 - a. History
 - b. Varieties
 - i. Hydrochloride
 - ii. Freebase
 - iii. Crack
 2. Amphetamines
 - a. Medical Uses
 - i. Pharmaceuticals
 - b. Illicit
 - i. Methamphetamine
 3. Others
 - a. Caffeine
 - b. Cathine and Cathinone
 - i. Khat
 - ii. Bath Salts
 - c. Ephedrine
 - d. Ritalin
- ii. Methods and signs of Ingestion
 1. Paraphernalia
 - iii. Effects
 1. General Indicators
 2. Onset and Duration
 - a. Short Term
 - b. Long Term
 - iv. Symptomology
 1. Overdose
 2. Drug Matrix Chart
- c. Hallucinogens
 - i. Types
 1. Natural
 - a. Peyote
 - b. Psilocybin
 - c. Jimson Weed
 - d. Bufo Alvarius
 - e. Morning Glory Seeds
 - f. Nutmeg
 - g. Salvia Divinorum
 2. Synthetic
 - a. LSD
 - b. Ecstasy (MDMA)
 - ii. Methods and signs of Ingestion
 1. Paraphernalia
 - iii. Effects
 1. General Indicators
 2. Onset and Duration
 - a. Short Term
 - b. Long Term

- iv. Symptomology
 - 1. Overdose
 - 2. Drug Matrix Chart
- d. Dissociative Anesthetics
 - i. Types
 - 1. PCP
 - 2. Ketamine
 - 3. Dextromethorphan (DXM)
 - ii. Methods and signs of Ingestion
 - 1. Paraphernalia
 - iii. Effects
 - 1. General Indicators
 - 2. Onset and Duration
 - a. Short Term
 - b. Long Term
 - iv. Symptomology
 - 1. Overdose
 - 2. Drug Matrix Chart
- e. Narcotic Analgesics
 - i. Types
 - 1. Opiates
 - a. Natural Alkaloids
 - i. Morphine
 - 1. Heroin
 - 2. Dilaudid
 - ii. Codeine
 - 1. Hydrocodone
 - iii. Thebaine
 - 1. Oxymorphone
 - 2. Oxycodone
 - a. Opana
 - 3. Buprenorphine
 - b. Synthetics
 - a. Demerol
 - b. Methadone
 - c. Fentanyl
 - ii. Methods and signs of Ingestion
 - 1. Paraphernalia
 - iii. Effects
 - 1. General Indicators
 - 2. Onset and Duration
 - a. Short Term
 - b. Long Term
 - iv. Symptomology
 - 1. Overdose
 - 2. Drug Matrix Chart

f. Inhalants

i. Types

1. Volatile Solvents

- a. Gasoline
- b. Paint Thinner
- c. Whiteout
- d. Paint
- e. Airplane Glue

2. Aerosols

- a. Hair Spray
- b. Deodorants
- c. Spray Paint
- d. Cooking Lubricants

3. Anesthetic Gases

- a. Chloroform
- b. Amyl Nitrate
- c. Butyl Nitrate
- d. Isobutyl Nitrate
- e. Nitrous Oxide
 - i. Whipped Cream Gas

ii. Methods and signs of Ingestion

1. Paraphernalia

iii. Effects

- 1. General Indicators
- 2. Onset and Duration
 - a. Short Term
 - b. Long Term

iv. Symptomology

- 1. Overdose
- 2. Drug Matrix Chart

g. Cannabis

i. Types

- 1. Marijuana
- 2. Hashish
- 3. Hash Oil
- 4. Synthetics
 - a. Dronabinol
 - b. Marinol

ii. Active Ingredient

- 1. Delta 9 Tetra-Hydrocannabinol
 - a. Metabolites
 - i. Hydroxy THC
 - ii. Carboxy THC

iii. Methods and signs of Ingestion

1. Paraphernalia

iv. Effects

- 1. General Indicators
- 2. Onset and Duration

- a. Short Term
 - b. Long Term
 - v. Symptomology
 - 1. Overdose
 - 2. Drug Matrix Chart
- III. Drug Influence Evaluation
 - a. DRE 12 Step Process
 - i. Breath Test
 - ii. Interview of Arresting Officer
 - iii. Preliminary Examination
 - iv. Eye Examination
 - v. Divided Attention Tests
 - vi. Vital Signs
 - vii. Dark Room
 - viii. Muscle Tone
 - ix. Injection Sites
 - x. Statements
 - xi. Opinion of Evaluator
 - xii. Toxicological Sample
 - b. Standardized Field Sobriety Tests
 - i. Horizontal Gaze Nystagmus
 - ii. Walk and Turn
 - iii. One-Leg Stand
 - iv. Romberg
 - v. Finger to Nose
- IV. Courtroom Testimony
 - a. Rolling Log
 - b. Resume
 - c. Training and Experience
 - d. Toxicological Verification