Course Outline

COURSE:  JLE 122  DIVISION:  50  ALSO LISTED AS:

TERM EFFECTIVE:  Spring 2019  CURRICULUM APPROVAL DATE: 10/09/2018

SHORT TITLE: DRUG INVESTIGATION-11550 H & S

LONG TITLE: Drug Investigation - 11550 H and S

<table>
<thead>
<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<td>.5</td>
<td>18</td>
<td>Lecture: .18 TO .45</td>
<td>Lecture: 3.24 TO 8.1</td>
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<td>Lab: .28 TO .9</td>
<td>Lab: 5.04 TO 16.2</td>
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<td>Total: .46 TO 1.35</td>
<td>Total: 8.28 TO 24.3</td>
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COURSE DESCRIPTION:

This course familiarizes the student with the most commonly abused controlled substances, their methods of abuse, and articulation of the signs and symptoms of persons under the influence of these substances. Emphasis on the California Health and Safety code. This is a pass/no pass course. Pre-requisite: 1. Commission on Police Officer Standards & Training (POST) certified basic law enforcement academy diploma or equivalent as determined by the Dean of Academy Instruction. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. 2. Prior to beginning this course students must already be familiar with, and be able to demonstrate all of the skills listed that builds upon them. These minimum knowledge and skill levels are regarding: Familiarity with Health & Safety codes used in policing.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES
  P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:
  02 - Lecture and/or discussion
  03 - Lecture/Laboratory
  04 - Laboratory/Studio/Activity
STUDENT LEARNING OUTCOMES:
1. Identify narcotics named in course content, methods and symptoms of use, and packaging of controlled substances.
2. Recognize the legal aspects, case law, search&seizure and probable cause associated with illegal narcotic cases.

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS
Curriculum Approval Date: 10/09/2018
1. Introduction
   a. Class introduction
   b. Pre test
   c. Pre test review
2. Introduction to the DAR Process/Procedures
   a. “Drug” definition
   b. SHOCADID review
   c. Field Sobriety Testing (FST’s)
   d. 7 step process
3. Review of Legal Codes
   a. 11550 HS
   b. 647(f) PC
   c. 381(a) & (b) PC
   d. DUI laws
   e. 5150 WI
   f. 4060 BP
   g. 11364 HS
   h. Review of current changes and case law
4. Intro to Human Physiology
   a. Therapeutic use of drugs
   b. Neurotransmitters & Neurohormones & their role in drugs
   c. Drug metabolism
   d. Upside/downside of a drug
   e. Negative feedback
   f. Homeostasis
   g. Drug overdose
   h. Tolerance
   i. Modifiers of drug effects
   j. Addiction
   k. Physiological withdrawal symptoms
   l. Eye conditions
   m. Non-drug induced medical conditions
5. Cannabis
   a. Species of cannabis plants
   b. THC
   c. Medical applications
   d. Growing marijuana
   e. 4 forms of Cannabis
   f. Synthetic Cannabinoids
   g. Ingestion
h. Paraphernalia
i. Effects of use
j. Onset and duration of effects
k. Overdose
l. DAR Cornerstones
m. Indicators of use
n. Toxicology
o. Medicinal marijuana
6. Dissociative Anesthetics
   a. Overview
   b. Drug I/D
   c. Ingestion
d. Dosage units
e. Ketamine
f. Effects of PCP
g. Current drug trends
h. Onset and duration
i. Overdose
j. Officer safety considerations
k. DAR cornerstones
7. Stimulants
   a. Overview
   b. 3 categories of stimulants
c. Cocaine
d. Cocaine production
e. Amphetamines
f. Misc. CNS Stimulants
g. Ingestion
h. Cocaine free basing
i. Methamphetamine consumption
j. Current drug trends
k. Stimulant effects
l. Onset and duration of effects
m. Cocaine Vs methamphetamine effects
n. Overdose
o. Signs of use
p. DAR Cornerstones
8. Hallucinogens
   a. Definition of a hallucinogen
   b. Synesthesia
c. Three types of Flashbacks
d. Natural hallucinogens
e. Synthetically manufactured hallucinogens
f. Current drug trends
g. Ingestion
h. Effects
i. Onset and duration
j. Overdose signs and symptoms
k. Signs of influence
9. Opiates
   a. Sub categories of opiates
   b. Natural alkaloids and opium derivatives
   c. Synthetic opiates
   d. Current drug trends
   e. Effects
f. Tolerance
g. Onset and duration
h. Addiction and withdrawals
i. Overdose
j. DAR Cornerstones
k. Non-opiate causes of pupil constriction
l. Depressants
   a. Subcategories of depressants
   b. Current drug trends
   c. Ingestion
d. Onset and duration
e. Tolerance
f. Withdrawal
g. Overdose
h. Synergism
i. GHB
j. Signs of influence
k. Toxicology
11. Inhalants
   a. Sub categories of inhalants
   b. Current drug trends
c. Ingestion
d. Effects of inhalants
e. Onset and duration
f. Overdose
g. Long term inhalant abuse
h. Signs of influence
i. Toxicology
12. Toxicology (chemical testing)
a. Samples for testing
b. Testing methods
c. Detection period
d. False positives
e. Accuracy and handling problems
13. Drug combinations
a. Definition of poly drug use
b. Types of effects
c. Popular drug combinations
14. DUI Drug Detection
a. Phase One: Vehicle in Motion
b. Phase Two: Personal Contact
c. Phase Three: Pre-Arrest Screening
15. Walk-and-turn
16. One-leg stand
17. Horizontal gaze nystagmus
18. Vertical nystagmus
19. Advantages and limitations of preliminary Breath testing
20. Report writing
   a. Fundamentals of the report
   b. Key factors in report writing
   c. Narrative vs. form
      i. Review of the drug influence form
21. Test/Critiques

METHODS OF INSTRUCTION:
Lecture, discussion
Out of Class Assignments
Required Outside Hours:
Assignment Description: Students will read and review the Health and Safety codes pertaining to drugs.

METHODS OF EVALUATION:
Writing assignments
Percent of total grade: 35.00 %
Percent range of total grade: 35 % to 45 % Written Homework; Other: Write reports for different drug related arrests
Problem-solving assignments
Percent of total grade: 15.00 %
Percent range of total grade: 15 % to 25 % Quizzes
Objective examinations
Percent of total grade: 25.00 %
Percent range of total grade: 25 % to 35 % Multiple Choice; True/False; Completion

REPRESENTATIVE TEXTBOOKS:
n/a
ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:
CSU GE:
IGETC:
CSU TRANSFER:
   Transferable CSU, effective 201370
UC TRANSFER:
   Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: N
Classification: Y
Noncredit Category: Y
Cooperative Education:
Program Status: 1 Program Applicable
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department: JLE
CSU Crosswalk Course Number: 122
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: B
Maximum Hours:
Minimum Hours:
Course Control Number: CCC000438360
Sports/Physical Education Course: N
Taxonomy of Program: 210500