

HLED G107: DRUGS, HEALTH, AND SOCIETY

Item	Value
Curriculum Committee Approval Date	03/16/2021
Top Code	083700 - Health Education
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)
Local General Education (GE)	• GWC Lifelong Understanding (GE)
California State University General Education Breadth (CSU GE-Breadth)	• CSU E1 Lifelong Understanding (E1)

Course Description

This course provides an overview of the epidemiology and toxicology of substance abuse and its relevance to personal and public health. Students will be introduced to the concept of substance abuse and dependence, the definition of licit and illicit drugs, and the pharmacologic, neurologic and physiologic effects of selected substances on the human brain. Political, social and economic factors involved in the supply and demand for drugs will be discussed. Epidemiologic data on the prevalence, incidence, and trends of smoking, alcohol, prescription and other drug dependencies in the United States will be covered, as well as risk factors associated with the use and abuse of these substances. Current options for recovery and a survey of local resources will be reviewed. Students will engage in critical discussion about the role drugs play in our society and the choices individuals make in regard to using all types of drugs. The course will also cover the history of drug enforcement and current judicial best practices in relation to enforcement of United States law. Transfer Credit: CSU; UC. C-ID: PHS 103. **C-ID: PHS 103.**

Course Level Student Learning Outcome(s)

1. Course Outcomes
2. Evaluate the history and development of drug policy in the United States, including current drug policy, through discussion and current events.
3. Describe the impact that psychoactive drug abuse and addiction has on the individual, the family and the society.
4. Develop drug abuse prevention strategies, including prioritization of specific drugs as related to target population.
5. Describe the neurological and physiological responses to various types of drugs.

Course Objectives

- 1. Describe the different categories of drugs.
- 2. Distinguish the difference between drug use, misuse and abuse.

- 3. Describe the psychotherapeutic benefits (if any) and harmful effects of common substances of abuse, and identify the populations most at risk of using them.
- 4. Interpret reliable public data sources to find statistical and epidemiological data on incidence, prevalence, and trends in drug, tobacco and alcohol use.
- 5. Apply basic knowledge of drug laws to evaluate historical legal cases and situations related to substance abuse.
- 6. Describe the neurological and physiological short and long term consequences of substance use and abuse.
- 7. Analyze the current public health perspective on the issue of substance abuse, including broad political, social and economic factors related to substance abuse.
- 8. Analyze arguments on both sides of a selected controversial issue, such as drug testing in the workplace or legalization of marijuana.

Lecture Content

Introduction to Drugs and Society Drug use Commonly abused drugs Drugs in society Drug use and drug dependence Drugs and their uses Therapeutic and medically necessary uses Analgesics Antibiotics Vaccines Prophylactics Anesthetics Psychotropics Naturally derived Synthetic Over-the-Counter drugs Prescription drugs Controlled substances (legal) Recreational drugs (illegal) Definitions of Drug Use Origin and nature of addiction Drug addiction Biological and psychological explanations Danger signs of drug abuse Alcohol Pathophysiological effects of alcohol ingestion Addiction and withdrawal Alcohol problems related to anti-social and/or criminal behavior Overt signs of ingestion / influence Misuse and Abuse Homeostatic Systems and Drugs Drugs and the nervous system Homeostatic systems Endocrine system How and Why Drugs Work Intended and unintended effects of drugs Margin of Safety Potency versus toxicity Drug interaction Central Nervous System (CNS) Stimulants Methamphetamine Caffeine Cocaine Addiction and dependence Overt signs of ingestion / influence Central Nervous System (CNS) Depressants Alcohol Ritalin Valium Overt signs of ingestion / influence Opiates (Narcotics) Heroin Morphine Vicodin Oxycotin Overt signs of ingestion / influence Psychotropic Drugs Phencyclidine LSD Halucinogens Lithium Marijuana Overt signs of ingestion / influence Drug addiction Neuro-adaptation (tolerance) Abuse Dependence Addiction Intervention Rehabilitation Court ordered Voluntary Sobriety Alcoholics Anonymous Narcotics Anonymous Twelve step programs versus self-help Drug Enforcement State of California and federal laws Drug courts and drug diversion Crimes related to drug use and abuse Narcotics trafficking Drug Enforcement Agency and the schedule of drugs Drug Abuse Prevention and Laws Substance use disorders Early childhood substance abuse prevention Risk factors and protective factors Prevention research, programs and key findings Community based drug prevention Prevention programs in higher education Drug prevention programs Other viable alternatives to drug use Drug use in Sub-Cultures Social Issues Surrounding Drug Use Drug use among women Drug use among adolescents Drug use among college students HIV/AIDS Entertainment industry and drug use The internet motivating drug use Drugs and Sports Anabolic steroids, human growth hormone, and precursors Amphetamines Analgesics Societal attitudes toward drug use and / or abuse by athletes Blood doping Treating Drug Dependence Treatment of addiction Assessing addiction severity Principles of treatment Comorbidity Drug addiction treatment in the United States Federal Agencies Focused on Drug Abuse Prevention Drug

enforcement administration Substance abuse and mental health services
administration State regulations

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)

Instructional Techniques

1. Lecture 2. Class Discussions 3. Quizzes 4. Midterm and Final Exams 5.
Use of Pop Culture Multi Media Presentations 6. Written Assignments

Reading Assignments

Course required textbook Journal Articles Websites

Writing Assignments

Essays are required on personal experience with drugs and / or alcohol,
or knowledge of others use. Students will also write essays on selected
drugs and their effects.

Out-of-class Assignments

Course required reading Discussion postings Essay Writing Watch Course
required videos

Demonstration of Critical Thinking

Role playing by individual groups regarding the intervention of an
addicted person.

Required Writing, Problem Solving, Skills Demonstration

Essays are required on personal experience with drugs and / or alcohol,
or knowledge of others use. Students will also write essays on selected
drugs and their effects.

Eligible Disciplines

Administration of justice (police science, corrections, law enforcement):
Any bachelors degree and two years of professional experience, or
any associate degree and six years of professional experience. Health:
Masters degree in health science, health education, biology, nursing,
physical education, kinesiology, exercise science, dietetics, or nutrition
OR bachelors degree in any of the above AND masters degree in public
health, or any biological science OR the equivalent. Masters degree
required. Nursing: Masters degree in nursing OR bachelors degree in
nursing AND masters degree in health education or health science
OR the equivalent OR the minimum qualifications as set by the Board
of Registered Nursing, whichever is higher. Masters degree required.
Physical education: Masters degree in physical education, exercise
science, education with an emphasis in physical education, kinesiology,
physiology of exercise, or adaptive physical education, OR bachelors
degree in any of the above AND masters degree in any life science, dance,
physiology, health education, recreation administration, or physical
therapy OR the equivalent. Masters degree required.

Textbooks Resources

1. Required Levinthal, C.. Drugs, Society and Criminal Justice, 5th ed.
Pearson, 2019 2. Required Hanson, G. Venturelli, P.. Drugs and Society, 13
ed ed. Boston, MA: Jones and Bartlett Publishers,, 2018