HLE 97 Course Outline as of Spring 1999

CATALOG INFORMATION

Dept and Nbr: HLE 97 Title: PHARM/PHYSIO EFF ALC/DRG
Full Title: Pharmacological & Physiological Effects of Alcohol & Drugs
Last Reviewed: 4/13/2020

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00 Total Student Learning Hours: 157.50

Title 5 Category:	AA Degree Applicable
Grading:	Grade Only
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	

Catalog Description:
Effects of alcohol and other drugs on the body. The physiological effects of the disease of alcoholism and the effects of other chronic drug usage.

Prerequisites/Corequisites:

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: Learn all about the effects of alcohol and other drugs on your body systems. Find out why one person becomes an alcoholic while another is a responsible social drinker. What are the implications of alcohol and other usage during pregnancy? (Grade Only)
Prerequisites/Corequisites:
Recommended:
Limits on Enrollment:
Transfer Credit: CSU;

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**			Effective:	Inactive:
CSU GE:	**Transfer Area**			Effective:	Inactive:
IGETC:	**Transfer Area**			Effective:	Inactive:
CSU Transfer:	Transferable	Effective:	Spring 1999	Inactive:	
UC Transfer:		Effective:		Inactive:	

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Students who successfully complete the course will:
1. Identify the progressive stages of the disease of chemical dependency.
2. List the most commonly abused drugs and describe their effects on the body.
3. Analyze the pros and cons of drug testing in the work place.
4. Dramatize through role playing the family dynamics of a successful alcohol and drug intervention.
5. Evaluate a minimum of two treatment modalities for chemical dependency recovery.
6. Analyze in writing how a given drug will affect the fetus of a pregnant woman.

Topics and Scope:

1. The Chemical Dependency Process
2. General Pharmacological Principles
3. The Metabolism of Alcohol
4. Disulfiram (Antabuse)
5. Sedative Hypnotic
   a. Barbiturates
   b. Benzodiazepine
6. Opiates
7. Stimulants
   a. Amphetamines
   b. Cocaine
8. Psychedelics
9. Legal Drugs
10. Medical Aspects of Psychoactive Drug Use
11. Screening Tests, Intervention, Detoxification

12. Chemical Dependency Treatment
13. Family Aspects of Addiction

Assignment:

READING ASSIGNMENTS:
Students will be required to read and study the assigned chapters in the textbook and other selected reading in journals and hand-outs. Examples of recommended reading:
The Journal of Chemical Dependency, Dependency Counselors
WRITING ASSIGNMENTS:
One 5-page critique on any treatment modality. Give the pros and cons of each method with appropriate documentation. The paper must be typed and use the MLA format.
One 3-page analysis of how a given drug will affect the fetus of a pregnant mother. Use the same writing criteria as above.
OUTSIDE ASSIGNMENTS:
1. Visit a treatment program and present a typed, 2 page, double spaced critique of that on-site visit.
2. Become familiarized with the PHYSICIAN DESK REFERENCE (PDR) by locating and writing the page number from which the assigned drugs will be found.

ASSIGNMENTS THAT DEMONSTRATE CRITICAL THINKING:
1. Writing assignment demonstrates application of concepts regarding effective treatment programs.
2. Writing assignments demonstrates the ability to apply the principles of drug actions on various human systems.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Essay exams, Term papers, Analysis/critiques	Writing 25 - 35%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None	Problem solving 0 - 0%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice	Exams 65 - 75%

Other: Includes any assessment tools that do not logically fit into the above categories.

None	Other Category 0 - 0%

Representative Textbooks and Materials:
1. Text: Drug Guide, Deglin and Vallerand, Davis Publishing, 5th ed. 1997
2. Handouts: Free materials of the National Institutes of Alcohol and Drug Abuse.