

CityTeam Institute

1297N.13th St San Jose, CA 95131

408-232-5600-Ext.3306

Pharmacology and Physiology

CAS 002 4.5 Quarter Units

May 2021

Trudy Read adjunct professor

AA Nursing

BS Ministry

MDiv.

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Course Description:

This course provides students with a working knowledge of all addictive drugs, their classification, mechanisms of action and pharmacology. It focuses on enabling the students to understand and clearly present and discuss the disease concept of dependency.

Required Text: Pharmacology of Addiction LCDC exam review.

<https://lcdcexamreview.com/addictions-counselor-exam-prep-review/pharmacology-of-addiction-for-counseling-treatment/>

Optional text: Uppers,Downers, all arounders, Darryl Inaba;The addicted Brain Michael Kuhar, PHD. Drugs the brain, and behavior, John Brick and Carlton K. Erickson.

Course Objectives

Upon completion of this course, the student should be able to:

- Understand basic neuroanatomy, pharmacology, classification and mechanisms of action of addictive drugs.
- Understand how different legal and illegal drugs affect individuals
- Understand, recognize and describe treatment for the withdrawal
- Understand the disease concept of addiction
- Describe how specific population groups may be uniquely affected by addictions.

The course will include lecture, class discussion, group activities, handouts, audio-visual aides and homework assignments. The course will be taught on Tuesday and Thursday evenings from 6:00 p.m. to 10:00 p.m. with two fifteen-minute breaks. The requirements include case studies, written papers, take-home quizzes and a final exam.

Grading: Attendance 15%
 Class Participation 15%
 Assignments 40%
 Final 30%

Class Days: Tuesday and Thursday Class Dates: May
4, 6, 11, 13, 18, 20, 25, 27

Assignments. 4 papers 2 pages, 12 font, double spaced. Summary of drug in that classification, modes of use, effect of drug, side effects.

Course Outline

Session I

I. Welcome and Introductions II. Overview of Syllabus III. Lecture: basic neuroanatomy and pharmacology. Homework - classifications and actions of mind altering drugs. Review Cad Chart www.drugabuse.gov Read sections 1,2 of Pharmacology of addiction <https://cdexamreview.com/addictions-counselor-exam-prep-review/pharmacology-of-addiction-for-counseling-treatment/>

Session II

I. Review Homework II. Lecture: overview of classifications of drugs and effect on us. III. Homework - read section 3.

Session III

I. Review Homework II. Lecture: Stimulants III. Homework: Read "Stimulants" section 4, Written Paper - stimulants

Session IV

I. Review homework assignment II. Lecture: Depressants & Alcohol . III. Homework: Read "Depressants" , Alcohol section 5,7 . Written assignment Depressants

Session V

I. Review homework assignment II. Lecture: Psychedelics, Disease of Addiction. Homework: Read section 9,10" and complete written assignment Hallucinogens

Session VI

I. Review II. Lecture: Mental Health and Drugs, Withdrawals, Homework: Read section 6 "Mental Health written Opioids

Session VII

I. Review II. Lecture: Other Drugs and Addictions Homework: Study for Final Session

Session VIII

I. Review II. Take Final