

CITYTEAM INSTITUTE PHYSIOLOGY AND PHARMACOLOGY

Instructor: Dawn White, RN

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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: None – all material will be provided

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, recognize and describe treatment for the withdrawal (abstinence) syndrome
- Understand communicable diseases, including tuberculosis, HIV, Hepatitis, etc.
- Understand the disease concept of addiction
- Describe how specific population groups may be uniquely affected by addictions.

Format:

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 break. 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: April 4 ,9 ,11, 16, 18, 23, 25, 30

Tentative Course Outline

Session I

- I. Welcome and Introductions
 - II. Overview of Syllabus
 - III. Lecture: How Psychoactive Drugs Affect Us
 - IV. Case Study
- Homework: Read "How Psychoactive Drugs Affect Us" and complete homework assignment

Session II

- I. Review Homework and quiz
 - II. Case Study
 - III. Lecture: Stimulants
- Homework: Read "Stimulants" and complete homework assignment

Session III

- I. Review homework assignment
 - II. Case Study
 - III. Lecture: Depressants
- Homework: Read "Depressants" and complete homework assignment

Session IV

- I. Review homework assignment
 - II. Case Study
 - III. Lecture: Alcohol
- Homework: Read "Alcohol" and complete homework assignment

Session V

- I. Review homework assignment
 - II. Case Study
 - III. Lecture: Psychedelics
- Homework: Read "Psychedelics" and complete homework assignment

Session VI

- I. Review
 - II. Case Study
 - III. Lecture: Mental Health and Drugs
- Homework: Read "Mental Health and Drugs" and complete homework assignment

Session VII

I. Review

II. Case Study

III. Lecture: Other Drugs and Addictions

Homework: Study for Final

Session VIII

I. Review

II. Take Final