CITYTEAM INSTITUTE PHYSIOLOGY AND PHARMACOLOGY

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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