

Spokane Falls Community College
COURSE LEARNING OUTCOMES AND OUTLINE

Prefix and Course Number
Course Title

AS 289
Physiological Actions of Alcohol and Other Drugs
Alternative Training

Last Modified: Spring 2009

Course Learning Outcomes

By the end of this course, a student should be able to:

- Identify verbally and in writing drug classifications and their effects on the human body.
- Identify written and orally multiple drug interactions on the human body.
- List physiological and psychological effects of certain drugs on the different organs of the body.
- Identify 'street names' of drugs.
- Identify the bodily functions that change as a result of the use of different drug classifications.
- Describe the potential for substance use disorders to mimic a variety of medical and mental health conditions.
- Explain medical and pharmacological resources in the treatment of substance use disorders.
- Explain the process of central nervous system, including neurotransmitters and metabolism.
- Demonstrate verbally and in writing the effects and withdrawal symptoms of all psychoactive drugs on the body.

Course Outline

I. Heredity, Environment, Psychoactive Drugs

- A. How Drugs Get to the Brain
- B. The Nervous System
- C. Neuroanatomy
- D. Physiological Responses to Drugs
- E. Desired Effects vs. Side Effects
- F. Levels of Use
- G. Theories of Addiction
- H. Heredity
- I. Compulsive Behaviors

II. Depressant Drugs

- A. Sedative-Hypnotics
- B. Alcohol
- C. Others

III. Stimulant Drugs

- A. Cocaine
- B. Amphetamines

- C. Caffeine
- D. Others

IV. Nicotine

- A. Cigarettes
- B. Smokeless Tobacco
- C. Nicotine Replacement

V. Marijuana and Other Synthetic Cannabinoids

- A. Marijuana
- B. K2/Spice

VI. Hallucinogens and Inhalants

- A. LSD
- B. Ketamine
- C. PCP
- D. Salvia
- E. Inhalants