

Grays Harbor College

Syllabus

2004-2006

ALSA 120

Pharmacology for the Layman

4 Credits

I. Course Description

- A. The interaction of alcohol and other drugs in the human body; absorption, distribution, metabolism, mechanism of action, peripheral and central nervous system effect, interaction with other chemicals and physiological consequences of chronic high dosage use.

II. Aims and Objectives

INTENDED COURSE OUTCOMES & DESIRED ABILITIES

Intended Course Outcome	Desired Student Abilities
Major pharmacological concepts, such as drug interactions, allergic reactions, active metabolites, SAR, routes of administrations, absorption of drugs, metabolism, etc., will be discussed.	Disciplinary learning, Literacy, Critical Thinking, Social & Personal Responsibility, Using Resources
Students will be introduced to discipline specific reference works.	Disciplinary learning, Literacy, Critical Thinking, Social & Personal Responsibility, Using Resources
Students will learn words, definitions and concepts.	Disciplinary learning, Literacy, Critical Thinking, Social & Personal Responsibility, Using Resources
This class is designed to present major drug classes and the pharmacology of each drug class.	Disciplinary learning, Literacy, Critical Thinking, Social & Personal Responsibility, Using Resources

I. Textbook

II. Other Instructional Material

- A. Pill Book
B. Handouts

III. Technique of Instruction

IV. Organization of Course Content

- A. Introduction
B. Vitamins and Minerals
C. Hormones
D. Cardiovascular, Blood Thinners
E. Respiratory
F. CNS Drugs

- G. Gastrointestinal
- H. Anti-infectives
- I. Topicals and Ophthalmics
- J. Miscellaneous

V. Methods of Evaluation