

COLLEGEWIDE COURSE OUTLINE OF RECORD

NRSG 106, PHARMACOLOGY FOR NURSING

COURSE TITLE: Pharmacology for Nursing

COURSE NUMBER: NRSG 106

PREREQUISITES: Admission to a Nursing Program or Program Chair Approval

SCHOOL: Health Sciences

PROGRAM: Nursing

CREDIT HOURS: 3

CONTACT HOURS: Lecture: 3

DATE OF LAST REVISION: Spring, 2006

EFFECTIVE DATE OF THIS REVISION: Fall, 2008

CATALOG DESCRIPTION: Introduces principles of pharmacotherapeutics, pharmacodynamics, and pharmacokinetics in relation to the major drug classifications. Utilizes the nursing process to explore pharmacologic aspects of patient care.

MAJOR COURSE LEARNING OBJECTIVES: Upon successful completion of this course the student will be expected to:

1. Explain the roles of the licensed practical nurse and the registered nurse in managing the pharmacologic aspects of patient care.
2. Describe the pharmacokinetics of prototype drugs for each of the major drug classifications, including routes of administration, absorption, distribution, metabolism, and excretion.
3. Describe the pharmacodynamics of prototype drugs for each of the major drug classifications, including action, adverse effects, and unfavorable interactions.
4. Apply the nursing process to care of the patient receiving pharmacologic drugs.
5. Identify appropriate resources for current pharmacologic information.
6. Describe professional responsibility and accountability when administering pharmacological drugs.

COURSE CONTENT: Topical areas of study include –

Basic pharmacologic concepts

Anti-infective drugs

Drugs acting on:

The immune system

The central and peripheral nervous system

The autonomic nervous system

The respiratory system

The gastrointestinal system

The renal system

The endocrine system

The reproductive system

The cardiovascular and peripheral vascular system

The eye, ear and skin

Anticancer drugs
Emergency drugs

ACADEMIC HONESTY STATEMENT:

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