

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
SAULT STE* MARIE, ONTARIO

COURSE OUTLINE

Course Title PHARMACOLOGY
Code No.: MRC 109-3
Program DEVELOPMENTAL SERVICES WORKER
Semester III
Date: SEPTEMBER 1985
Author: GERRY PAGE

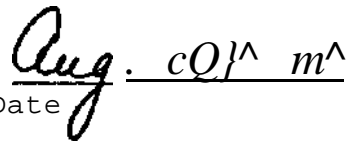
New:

Revision:

APPROVED:



Chairperson


Date

CALENDAR DESCRIPTION

PHARMACOLOGY

MRC 109-3

COURSE NAME

COURSE NUMBER

PHILOSOPHY/GOALS;

This course is designed to familiarize the student with the various drugs currently being utilized with developmentally handicapped individuals. Students will learn chemical make up and side effects of drugs as well as proper methods of dispensing medication,

TERMINAL OBJECTIVES:

Upon completion of this course the student will:

- 1• Have knowledge about the safe administration of drugs by various routes (i*e, oral, parental, rectal, topical, eyes, ear, and nose). This includes skill in dosage calculations.
- 2, Have knowledge in the physiological action, reasons for use, adverse reactions and nursing implications,
- 3," Learn how to research drugs being given,
4. Know ways in which drugs can be metabolized and excreted by body.
- 5• Demonstrate the ability to interpret commonly used terminology and abbreviations related to the administration of therapeutic agents,
- 6, Demonstrate the ability to calculate drug dosage,
- 7, Know the responsibilities associated with the safe administration of therapeutic agents by various routes to patients of all ages,
8. Demonstrate the ability to transfer prescription orders on to the appropriate forms and the factors involved in recording the administration of therapeutic agents,
9. Know the principles of asepsis used during the procedures for administering therapeutic agents.
- 10, Demonstrate in a practical setting the dispensing of medication.

TEXTBOOK{S)

Pharmacology for Practical Nurses,
Author: M. K. Aspermein, 4th Edition,

EVALUATION:

Students will be evaluated in the following manner

Random Tests	35%	A = 85 - 100%
Drug Research	10%	B = 75 - 84%
Mid-Term Exam	20%	C = 60 - 74%
Final Exam	25%	I = Incomplete
Attendance	10%	R = Repeat

Please note: Students must attain 100% in the areas of transcribing Doctor's orders to charts, as well as 100% in the class practicum on dispensing the medication in order to pass the course.

Because of the nature and seriousness of this course, attendance is a must.

SYLLABUS: 3 hours per week

WEEK I:	Introduction to pharmacology Definitions related to pharmacology
WEEK II/III:	Drug calculation and measurements Identify units of measurements Metric measurements
WEEK IV:	Local anti-infectives Vitamins and minerals Antibiotics Sulfonamides Antihistamines
WEEK V:	Drugs that affect the skin and mucous membranes Drugs that affect the respiratory system Drugs that affect the circulatory system
WEEK VI	Drugs that affect the C-N.S. Drugs that affect the autonomic nervous system Drugs that affect the digestive system
WEEK VII:	The endocrine glands and hormones Diuretics and urinary antiseptics Antineoplastic drugs