

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: PHARMACOLOGY

Code No.: DSW 203-3

Program: DEVELOPMENTAL SERVICES WORKER

Semester: I

Date: September, 1990

Author: GERRY PAGE      INSTRUCTOR: SHIRLEY DAVIES

APPROVED: L. O'Rourke  
Dean

Sept. 7/90  
Date

**EVALUTATION:**

Students will be evaluated in the following manner:

Random Tests	40%	A+ = 90 - 100%
Drug Research	10	A = 85 - 89
Mid-Term Exam	20	B = 80 - 84
Final Exam	25	C = 70 - 79
Attendance	5	I = Incomplete
		R = Repeat

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

**Academic Theory Test:** 70% passing grade is required in this course.

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

**SYLLABUS:** (3 hours per week)**WEEK I:**

- a) Introduction to pharmacology
- b) Definitions related to pharmacology
- c) Standards Federal Drug Act (F.D.A.)

**WEEK II:**

- a) Prescription/nonprescription drugs
- b) Controlled drugs/nursing implications
- c) Alternatives to drug therapy

**WEEK III:**

- a) Role of the pharmacological team
- b) Common drug forms
- c) Factors determining the effects of drugs and drug interaction
- d) Basic Anatomy/diagrams

**WEEK IV:**

- a) How drugs are absorbed and distributed and excreted in the body.
- b) Routes of drug administration
- c) Procedure for care and storage of drugs
- d) The 5 R's of administering medication
- e) General guidelines & agency policies, i.e. medication

**WEEK V:**

- a) Standard abbreviations/translating & transcribing doctor's orders
- b) Practicum
- c) Legal implications
- d) Safety precautions for administering medications (principles of asepsis)

**WEEK VI:**

- a) Procedure for administrating:
  - 1) eye drops
  - 2) ear drops
  - 3) nose drops & sprays
  - 4) suppositories
  - 5) topical medications

**WEEK VII:**

- a) Mid-term exam
- b) Continuation administration of drops, sprays, suppositories & topical medication

**WEEK VIII:**

- a) Mathematics for drugs, i.e. metric conversion
- b) Sample problems

**WEEK IX:**

- a) Use of drug references; C.P.S.
- b) Commonly used drugs in the field

**WEEK X:**

- a) Continuation of commonly used drugs in the field
- b) Teaching clients self-administration
- c) Medication errors & reporting procedures

**WEEK XI:**

- a) In class practicum/dispensing & charting
- b) Continuation of commonly used drugs

**WEEK XII:**

- a) In class practicum/dispensing & charting
- b) Review of general agency policy & procedures for dispensing medications

**WEEK XIII:**

- a) In class practicum/dispensing & charting
- b) Review of precautions & procedures for administrating medication

**WEEK XIV:**

- a) In class practicum for dispensing & charting medication

**WEEK XV:**

- a) Review

**WEEK XVI:**

- a) Final theory exam

**N.B.** The instructor retains the right to make changes in the syllabus as deemed necessary.

GP:mk