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

COURSE OUTLINE

Course Title: MEDICATION ADMINISTRATION FOR R.N.A.'S
Code No: X10791
Program: R.N.A.
Semester: I AND 11
Date: SEPTEMBER 1989
Author: MARION HAGGMAN

New: X **Revision:**

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**MEDICATION ADMINISTRATION
FOR R.N.A.'s**

X10791

Course Name

Course Number

PURPOSE, OVERVIEW AND ADMISSION REQUIREMENTS OF THE COURSE

PURPOSE OF THE COURSE

The Registered Nursing Assistant - Administration of Medications Course is intended to enable registered nursing assistants to meet the minimum competencies in the administration of medications that are outlined in the revised Standards of Nursing Practice for Registered Nurses and Registered Nursing Assistants, April 1983. The course is aimed to meet the learning needs of registered nursing assistants who have had a variety of experiences.

COURSE OBJECTIVES:

By the end of the course the student will be able to:

- 1) demonstrate drug administration with a 100% accuracy.
- 2) describe the four components of pharmacokinetics.
- 3) explain eight variable factors that will alter a drug's pharmacokinetics.
- 4) examine three basic principles of the drug action.
- 5) compare and contrast how families of drugs affect various biological systems of the body.
- 6) apply the nursing process while administering medications.

OVERVIEW OF THE COURSE:

The course will contain a total of 54 hours, and includes 36 hours of theory and 18 hours of lab clinical experience. Supervised clinical experience will occur in simulated practice sessions and clinical placement. The course will be offered on a part-time basis.

ADMISSION REQUIREMENTS

- 1) Current Registered Nursing Assistant Certificate of Competence or proof of eligibility for registration through the College of Nurses of Ontario.
- 2) Proof of health status and up-to-date immunization in accordance with college policies and procedures.

TEXT:

Scherer, Jeanne, Introductory Clinical Pharmacology, J.B. Lippincott Co., Philadelphia, 1987.

Scherer, Jeanne, Student Work Manual for Introductory Clinical Pharmacology, Lippincott Co. Philadelphia, 1987.

This course has been developed using the guidelines as approved by the Council of Regents for the Ministry of Colleges and Universities.

Sault College acknowledges that although students may successfully complete this program, each employing agency will establish their own policies regarding the functions of the R.N.A.

TEACHING/LEARNING METHODS;

Lectures, A.V. resources, class discussions, demonstrations, practice labs, worksheets, written assignments, case study, clinical observation experiences, and supervised clinical work. Students will need to commit their own time to completing their work manual.

METHOD OF EVALUATION:

GRADING:

A+	=	90 - 100%
A	=	80 - 89%
B	=	70 - 79%
C	=	60 - 69%

PLEASE NOTE THAT A PASS IS 'C' OVERALL

TEST SCHEDULE:

TEST #1 (10%)	Abbreviations Conversions
TEST #2 (10%)	Math for Meds

TEST #3 (10%)	Introduction to Pharmacology, Nursing Process, Health Teaching Legislation Pharmacokinetics Vitamins and Minerals Respiratory Agents Antibiotics and Antifungals
TEST #4 (10%)	Drugs Affecting Skin and Mucus Membranes Drugs Affecting the Nervous System and Musculoskeletal System
TEST #5 (10%)	Hormones, Hormone-like Substances Drugs Affecting the G.I. System
TEST #6 (10%)	Drugs Affecting the Heart and Circulatory System Drugs Affecting the Kidney and Body Fluid Composition
TEST #7 (10%)	Drug Abuse and Toxicology Charting and Transcribing Orders Drug Administration

TESTS REMAIN THE PROPERTY OF SAULT COLLEGE

ASSIGNMENTS :

ASSIGNMENT #1 Case Study Drug Assignments
(10%)

ASSIGNMENT #2: Charting and Transcribing Orders
(10%)

CLASS PARTICIPATION & PRESENTATION:
Each student will give a minimum of two informal specific drug presentations.
(10%)

LAB AND CLINICAL WORK;

Mark off (Skill Testing) - Oral Meds
- Subcutaneous Injections

Successful clinical evaluation

- 1 night observation
- 2 - 1 1/2 hour periods of passing medications

NOTE: SUCCESSFUL COMPLETION OF COURSE MEANS

- BU% overall grade on tests
- 100% grade on math test (1 sup. given)
- successful (satisfactory grade as opposed to unsatisfactory)
- 100% attendance in clinical is compulsory to receive a satisfactory grade
- all students registered in this course are subject to the Policies of Sault College's Nursing Program
- excellent attendance will be taken into consideration for borderline marks
- evaluation of this course will be done mid-semester
- all supplies that are signed out for practice contain no medication. The medication substance is either candy or water.
- a student release form must be signed to take any supplies out for practice and must be returned within one week.

STUDY PARTNER PROGRAM

- students have the option to form a Study Partner Program
- this program allows students to work together and do their assignments and tests together (except Math).
- a maximum of two people per Partner Program
- the partners of the program submit one test and one assignment with both names on it, the tests and assignments are recorded for both members.
- you need to communicate to the instructor by November 1, 1989 if the Partner Program will be formed.
- I hope you take advantage of this opportunity.
- Have fun.

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CLASS SCHEDULE

HOMEWORK/READING
ASSIGNMENT

September 11

- Class #1 - Introduction to Class
- Overview of Course
- Abbreviations
- Conversions

Class handouts

September 18

- Class #2 - Lab on Metric

Scherer pp. 1-15
Workbook pp. 1-14

October 2

- Class #3 **Test #1** (30 minutes)
- Math for Meds

Scherer pp. 1-15
Workbook pp. 1-14

October 16

- Class #4 **Test #2**
- Introduction to Pharmacology
- Legislation
- Pharmacokinetics
- Nursing Process
- Health Teaching

Scherer pp. 24-35
Workbook pp. 17-22

October 23

- Class #5 - Drugs Affecting the Respiratory
System
- Vitamins and Minerals

Scherer pp. 222-227
Workbook pp. 113-114
Scherer pp. 248-257
Workbook pp. 125-127

October 30

- Class #6 - Antibiotics and Antifungals
- Lab: Oral Meds

Scherer pp. 135-154
Workbook pp. 73-79

November 6

- Class #7 - **Test #3**
- Drugs Affecting Skin and Mucus
Membrane
- Lab: Topical medications

Scherer pp. 23, 264-
266
Workbook pp. 131-132

November 13

- Class #8 - Drugs Affecting The Nervous System

Scherer pp. 58-75,
205-221, 269-274,
122-126
Workbook pp. 37-44,
105-111, 133-134,
67-68

November 20

Class #9 - Drugs Affecting The Nervous System and Musculoskeletal System Scherer pp. 36-57, 275-282

November 27

Class #10 - **Test #4**
- Drugs Affecting the G.I. System Scherer pp. 232-241
Workbook pp. 115-120

December 4

Class #11 - Hormones and Hormone Like Substances Scherer pp. 167-196
Workbook pp. 85-99

December 11

Class #12 - Theory & Lab: Subcutaneous & Intradermal Film
- Introduction to Transcribing Orders

December 18

Class #13 - **Test #5**
- Drugs Affecting The Heart and Circulatory System Scherer pp. 82-103,
Workbook pp. 49-58
63-65

January 8/90

Class #14 - Drugs Affecting The Kidney and Body Fluid Composition Scherer pp. 104-121,
266-267
- **Assignment #1 Due** Workbook pp. 59-65

January 15

Class #15 - **Test #6**
- Drug Abuse/Drug Misuse Scherer pp. 76-81,
16-23
- Review of Drug Administration Workbook pp. 15-16,
45-47

January 22

Class #16 - Preventing Drug Errors Film
- Transcribing Orders
- Lab mark: 1/2 class
(oral & subcutaneous meds)

January 29

Class #17 - **Test #7**
- Lab: Mark off - 1/2 class
(oral & subcutaneous meds)
- **Assignment #2 Due**

Your clinical placement will be scheduled after Christmas with input from the student and instructor.