

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

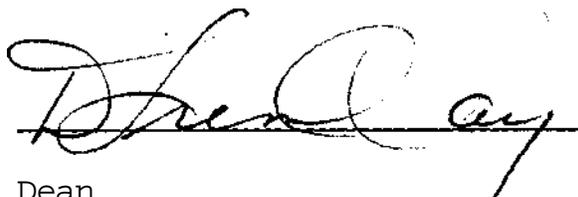
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

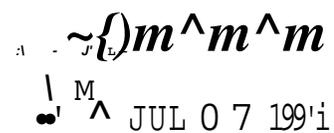
Course Title MEDICATION ADMINISTRATION FOR R.N.A'S
Code No: X1Q7S3 _____
Semester: I AND II _____
Date: SEPTEMBER 1991
Author: MARTON HAGGMAN INSTRUCTOR; SHIRLEY DAVIES

New. Revision JL

APPROVED:


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Date


JUL 07 1991

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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.

ETHOD OF EVALUATION:

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

- 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

- 60% 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.

CLASS SCHEDULE

HOMEWORK/READING
ASSIGNMENT

September 09

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

Class handouts

September 16

- Class #2 - Lab on Metric

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

September 23

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

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

September 30

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

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

October 07

- 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 21

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

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

October 28

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

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

November 04

- 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 11

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

November 18

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

November 25

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

December 02

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

December 09

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

December 16

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

January 13/1991

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 20

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

January 27

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.