

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

COURSE OUTLINE

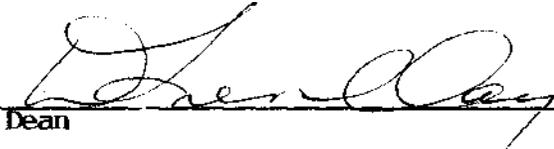
**COURSE TITLE:** MEDICATION ADMINISTRATION FOR R.N.A.'S

**CODE NO:** X10791 **SEMESTER:** I AND II

**PROGRAM:** R.N.A,

**AUTHOR:** MARION HAGGMAN/BRENDA WARNOCK

**DATE;** SEPTEMBER 1990 **PREVIOUS OUTLINE DATED:** SEPT/89

**APPROVED:**   /

Dean Date

**MEDICATION ADMINISTRATION**

**X10791**

**COURSE NAME**

**COURSE NUMBER**

**TOTAL CREDIT HOURS: 54**

- PREREQUISITE(S):**
- 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.

**I. PHILOSOPHY/GOALS:**

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.

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, March 1990. The course is aimed to meet the learning needs of Registered Nursing Assistants who have had a variety of experiences.

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.

**II. STUDENT PERFORMANCE OBJECTIVES;**

Upon successful completion of this course the student will:

- 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.

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

**X10791**

**COURSE NAME**

**COURSE NUMBER**

**III. TOPICS TO BE COVERED;**

- 1) Abbreviations, Conversions, Math for Meds
- 2) Introduction to Pharmacology, Nursing Process, Health Teaching, Legislation and Pharmacokinetics
- 3) Vitamins, Minerals, Respiratory Agents, Antibiotics, Antifungals
- 4) Drugs Affecting the Skin and Mucus Membranes
- 5) Drugs Affecting the Nervous and Musculoskeletal Systems
- 6) Hormones and Hormone-like Substances
- 7) Drugs Affecting the G.I. System
- y) Drugs Affecting the Heart and Circulatory System
- 9) Drugs Affecting the Kidney and Body Fluid Composition
- 10) Drug Abuse and Toxicology
- 11) Charting and Transcribing Orders
- 12) Drug Administration

**IV. LEARNING CONTENT****REQUIRED RESOURCES**

## CLASS SCHEDULE

HOMEWORK/READING  
ASSIGNMENT**September 10**

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

Class handouts

**September 17**

- Class #2 - Lab on Metric

Scherer pp. 1-15  
Workbook pp. 1-14**September 24**

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

Scherer pp. 1-15  
Workbook pp. 1-14**October 11**

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

Scherer pp. 24-35  
Workbook pp. 17-22**October 15**

- 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 22**

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

Scherer pp. 135-154  
Workbook pp. 73-79**October 29**

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

Scherer pp. 23, 264-  
266  
Workbook pp. 131-132**November 5**

- Class #8 - Drugs Affecting The  
Nervous System

Scherer pp. 58-75,  
205-221, 269-274,  
122-126  
Workbook pp. 37-44,  
105-11, 133-134,  
67-68

<b>IV. LEARNING CONTENT</b>	<b>REQUIRED RESOURCES</b>
CLASS SCHEDULE	HOMEWORK/READING ASSIGNMENT
<b>November 12</b> Class #9 - Drugs Affecting The Nervous System and Musculoskeletal System	Scherer pp. 36-57, 275-282
<b>November 19</b> Class #10 - <b>Test #4</b> - Drugs Affecting the G.I. System	Scherer pp. 232-241 Workbook pp. 115-120
<b>November 26</b> Class #11 - Hormones and Hormone Like Substances	Scherer pp. 167-196 Workbook pp. 85-99
<b>December 3</b> Class #12 - Theory & Lab: Subcutaneous Intradermal Introduction to Transcribing Orders	Film
<b>December 10</b> Class #13 - <b>Test #5</b> Drugs Affecting The Heart and Circulatory System	Scherer pp. 82-103, Workbook pp 49-58 63-65
<b>December 17</b> Class #14 - Drugs Affecting The Kidney and Body Fluid Composition - <b>Assignment #1 Due</b>	Scherer pp. 104-121 266-267 Workbook pp. 59-65
<b>January 14</b> Class #15 - <b>Test #6</b> - Drug Abuse/Drug Misuse - Review of Drug Administration	Scherer pp. 76-81, 16-23 Workbook pp. 15-16, 45-47
<b>January 21</b> Class #16 - Preventing Drug Errors - Transcribing Orders - Lab mark: 1/2 class (oral & subcutaneous raeds)	Film

IV. LEARNING CONTENT

REQUIRED RESOURCES

CLASS SCHEDULE

HOMEWORK/READING  
ASSIGNMENT

**January 28**

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.

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

**X10791**

**COURSE NAME**

**COURSE NUMBER**

**V\* EVALUATION METHODS; (INCLUDES ASSIGNMENTS, ATTENDANCE  
REQUIREMENTS, ETC.)**

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



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

**X10791**

**COURSE NAME**

**COURSE NUMBER**

**V. EVALUATION METHODS CONTINUED . . .**

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, 1990 if the Partner Program will be formed.
- I hope you take advantage of this opportunity.
- Have fun.

**VI. REQUIRED STUDENT RESOURCES:**

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

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

VII. ADDITIONAL RESOURCE MATERIAL AVAILABLE IN THE COLLEGE LIBRARY  
BOOK SECTION: (title, publisher, edition, date, library call  
number if applicable)

VIII. SPECIAL NOTES:

Course outline subject to change at the discretion of the  
teacher based on the learning needs of the students.