

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



**SAULT
COLLEGE**

COURSE OUTLINE

COURSE TITLE:	Pharmacology I		
CODE NO. :	PNG234	SEMESTER:	3
PROGRAM:	Practical Nursing		
AUTHOR:	Northern Partners in Practical Nursing Education/ Gwen DiAngelo, Donna Alexander		
DATE:	Sept/12	PREVIOUS OUTLINE DATED:	Sept/11
APPROVED:	"Marilyn King"		Aug/12
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	CHAIR HEALTH PROGRAMS		DATE
TOTAL CREDITS:	3		
PREREQUISITE(S):	PNG121, PNG126		
HOURS/WEEK:	3		

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I. COURSE DESCRIPTION:

This course introduces the learner to the concepts of pharmacology as selected drug groups are studied. The course will emphasize the role and responsibilities of the practical nurse in the administration and monitoring of client medications.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

Upon successful completion of this course, the student will demonstrate the ability to:

1. Explain the action and interaction of selected classifications/pharmaceutical preparations and the impact on nursing care:

Potential Elements of the Performance:

- discuss relevant information related to administering medications for each of the drug classifications.
- explain safe practices in administering and monitoring medications following the Standards from the College of Nurses of Ontario.
- formulate relevant health teaching related to medication administration

III. TOPICS:

1. Antiinfectives and Antiinflammatory Agents
 - antibiotics
 - antivirals
 - antituberculars
 - antifungals
 - antimalarials, antiprotozoals, and anthelmintics
 - antiseptics and disinfectants
 - anti-inflammatory, antirheumatoid and related agents
2. Drugs Affecting Fluid and Electrolyte Balance
 - diuretics
 - agents affecting volume and ion content of body fluids
3. Anesthetics and Analgesics
 - local and general anesthetics
 - narcotic and non-narcotic analgesics
4. Drugs Affecting Integumentary System
 - topical medications

5. Drugs Affecting Respiratory System
 - bronchodilators
 - antihistamines
 - nasal decongestants
 - antitussives
 - mucolytics
 - cold remedies

6. Drugs Affecting Cardiovascular System
 - drugs to treat heart failure
 - antiarrhythmics
 - antianginals
 - antihypertensives
 - drugs used in hypotension and shock
 - drugs affecting blood coagulation
 - drugs for hyperlipidemia

7. Drugs Affecting Gastrointestinal System
 - antacids and acid controllers
 - laxatives
 - antiemetics
 - antidiarrheals
 - nutritional supplements
 - vitamins and minerals

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

Ford, S. M., (2009). *Roach's introductory clinical pharmacology* (9th ed.).

Philadelphia, PA: Lippincott Williams and Wilkins.

Ford, S. M., (2009). *Study Guide to Accompany Roach's introductory clinical pharmacology* (9th ed.).

Philadelphia, PA: Lippincott Williams and Wilkins.

Karch, A (2013). *Lippincott's Nursing Drug Guide*. Philadelphia, PA:

Lippincott

Recommended Resources:

College of Nurses of Ontario (2008). *Medication* (available at www.cno.org)

V. EVALUATION PROCESS/GRADING SYSTEM:

1. The pass mark for this course is 60%.
2. Evaluation Methods:
Tests (2 test 30% and a final comprehensive 40%) 100%
3. There are no supplemental tests/rewrites in this course.

The following semester grades will be assigned to students in post-secondary courses:

<u>Grade</u>	<u>Definition</u>	<u>Grade Point Equivalent</u>
A+	90 – 100%	
A	80 – 89%	4.00
B	70 - 79%	3.00
C	60 - 69%	2.00
D	50 – 59%	1.00
F (Fail)	49% and below	0.00
CR (Credit)	Credit for diploma requirements has been awarded.	
S	Satisfactory achievement in field /clinical placement or non-graded subject area.	
U	Unsatisfactory achievement in field/clinical placement or non-graded subject area.	
X	A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.	
NR	Grade not reported to Registrar's office.	
W	Student has withdrawn from the course without academic penalty.	

Note: For such reasons as program certification or program articulation, certain courses require minimums of greater than 50% and/or have mandatory components to achieve a passing grade.

A minimum of a “C” grade is required to be successful in all PNG coded courses.

It is also important to note, that the minimum overall GPA required in order to graduate from a Sault College program remains 2.0.

VI. SPECIAL NOTES:

Attendance:

Sault College is committed to student success. There is a direct correlation between academic performance and class attendance; therefore, for the benefit of all its constituents, all students are encouraged to attend all of their scheduled learning and evaluation sessions. This implies arriving on time and remaining for the duration of the scheduled session. *It is the departmental policy that once the classroom door has been closed, the learning process has begun. Late arrivals may not be granted admission to the room.*

VII COURSE OUTLINE ADDENDUM:

The provisions contained in the addendum located on the portal form part of this course outline. www.mysaultcollege.ca