

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

COURSE OUTLINE

Course Title: PATHOPHYSIOLOGY & THERAPEUTICS
Code No.: BIO 200-3
Program: NURSING
Semester: 3
Date: JUNE, 1983
Author: DAVID KELLY

New: _____ Revision: X

APPROVED: _____
Chairperson Date

PATHOPHYSIOLOGY & THERAPEUTICS
Course Name

BIO 200-3
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CALENDAR DESCRIPTION:

This course deals with disruptions of normal, physiology and ineffective mental and emotional functioning. The disruptions and how they are manifested as ineffective responses will be discussed. Principles and hazards of therapies such as drugs, diet, radiation and parenteral fluids are included.

This course requires a knowledge of the accepted norms of human functioning as taught in Biology, Year 1. Nursing Practice Theory and Clinical will build on the material presented in this course.

PHILOSOPHY/GOALS:

COURSE OBJECTIVES: The student will:

1. Explain the relationship of stimuli to adaptive and ineffective responses in the person.
2. Relate the ineffective responses to selected common health problems of Canadians.
3. Recognize significant behaviour of the ineffective or adaptive responses.
4. Explain the principles and hazards of the therapies used to promote adaptation of clients at any point on the health-illness continuum.

METHOD OF ASSESSMENT (GRADING METHOD):

3 hrs/week for full academic year.

There will be 3 exams with the following weighting:

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<u>EXAM:</u> #1	30%
#2	30%
#3	40%

NOTE: 25% of the mark for exam #3 will cover material from the entire semester.

Pre-tests and quizzes may be given in some units; the marks will be included in the mark for the appropriate exam.

TEXTBOOK(S):

Jones, D.A., C.F. Dunbar and M.M. Jirovec. Medical-Surgical Nursing. A Conceptual Approach. 2nd ed., C.V. Mosby, New York, 1982.

Gerald, M.C. and F.V. O'Bannon. Nursing Pharmacology and Therapeutics. Prentice Hall Inc., Englewood Cliffs, N.J. 1981.

Treseler, K.M. Clinical Laboratory Tests - Significance and Implications for Nursing. Prentice Hall Inc., Englewood, N.J. 1982.

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<u>UNIT</u>	<u>HOURS</u>
Introduction to pathology & therapeutics	3
Surgery as a therapeutic intervention	3
Obstetrics	6
Endocrine: diabetes	3
Regulation of temperature	1
Protection: infection and immunity	2
Neoplasms	9
Psychiatry	12
Special senses	1
Oxygen and circulation	12