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

COURSE OUTLINE

Course Title: PATHOPHYSIOLOGY & THERAPEUTICS

Code No: BIO 240-3

Program: NURSING

Semester: 4

Date: JANUARY, 1990

Author: DAVID KELLY

New: \_\_\_\_\_ Revision: X

APPROVED: *David Kelly*  
Chairperson

Date *Jan 23/1990*

PATHOLOGY & THERAPEUTICS

BIO 240-3

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**CALENDAR DESCRIPTION:**

This course is a continuation of BIO 200-3 and 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 thorough knowledge of the accepted norms of human functioning as taught in Biology, Year 1. Nursing Practice Theory and Clinical, both in Year 2 and 3, 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.

**TEACHING METHODOLOGY**

The classroom hours are designed to highlight the major concepts in each unit of study. Specific readings will be posted. In addition, learning objectives are met by independent and/or guided study of material by the viewing of audiovisual aids, reading of articles and completion of assigned readings. All content is testable.

**METHOD OF ASSESSMENT (GRADING METHOD):**

3 hrs/week for full academic year.

There will be a maximum of 5 tests worth 60% of the final mark.

The final exam for the semester will be worth 40% of the final mark.

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**METHOD OF ASSESSMENT (GRADING METHOD) cont'd:**

Students who are absent for tests are expected to follow college protocol in reporting their absence. Students must write the test within one week, extenuating circumstances excepted. Students are expected to make arrangements to complete the missed test immediately on their return. Those who disregard this protocol will be assigned a mark of zero for that particular test. Students will not necessarily write the same test as the original one.

Established examination protocol will be in effect for all testing in this course.

IT IS UNDERSTOOD THAT ALL TEST/EXAMINATION QUESTIONS AND PAPERS ARE THE SOLE PROPERTY OF SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY.

The following grading scheme will be used:

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

**SUPPLEMENTAL EXAMS**

A supplemental examination may be offered in these courses, at the discretion of the teacher, and subject to the following criteria.

1. A student must have achieved a passing mark (60%) on 50% of the term tests, and a mark of at least 50% on the final exam.
2. The entire semester's course material will be tested.
3. The multiple choice format will not necessarily be used in the supplemental exam.
4. The final grade for the semester will be based solely on the supplemental exam (ie. the term mark will not be averaged in with this exam mark).
5. A student may not attempt the supplemental exam more than once.

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**TEXTBOOKS:**

Albanese, J. and Nutz, P. Nursing Drug Cards, C.V. Mosby Co., Toronto, 1988.

Bobak, I.M. and Jensen, M.D. Essentials of Maternity Nursing, C.V. Mosby Co., Toronto, 1984.

Brunner, L.S. and Suddarth, D.S. Textbook of Medical-Surgical Nursing, 6th Ed., J.G. Lippincott Co., 1987.

Cherniak, D. A Book About Sexually Transmitted Diseases, 2nd Ed., Montreal Health Press, Inc., Montreal, 1984

Child Abuse, Neglect and Deprivation with 1986 Addendum, RNAO Publications, Toronto, 1986.

Clayton, B.D., Stock, Y.N., Squire, J.E. Squire's Basic Pharmacology for Nurses, 8th Edition, C.V. Mosby Co., Toronto, 1985.

Jaffe, M. and Melson, K. Laboratory and Diagnostic Cards, C.V. Mosby Co., Toronto, 1988.

Stuart, G. and Sundeen, S. Principles of Psychiatric Nursing, 3rd Ed., C.V. Mosby Co., Toronto, 1987.

Whaley, L.F. and Wong, D.L. Essentials of Pediatric Nursing, 2nd Ed., C.V. Mosby Co., Toronto, 1985.