



PATHOPHYSIOLOGY & THERAPEUTICS  
Course Name

BIO 200-3  
Course Number

CALENDAR DESCRIPTION:

This course deals with disruptions of normal physiology and effective 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 5 tests worth 50% of the final mark.

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

Pre-tests will be given in some units; they will constitute 10% of the final mark.

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 accepted. Students are expected to make arrangements to complete the missed test immediately on their return.

TEXTBOOKS:

Brunner, L.S. and Suddarth, D.S. Textbook of Medical-Surgical Nursing, 5th Ed., J.G. Lippincott Co., 1984.

Haber, J. et al. Comprehensive Psychiatric Nursing, 2nd Ed., 1982.

Kee, J.L. Laboratory and Diagnostic Tests with Nursing Implications. Appleton-Century Crofts, 1983.

Whaley, L.F. and Wong, D.L. Nursing Care of Infants and Children, 2nd Ed., C.V. Mosby Co., St. Lois, 1983.

Reeder, S.J. et al, Maternity Nursing, 15th Ed., J.B. Lippincott Co., St. Louis, 1983

Reiss, B.S. and Melick, M.E., Pharmacological Aspects of Nursing Care, Delmer Publishers Inc., Albany, N.Y., 1984

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