

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 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.

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.

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.

TEXTBOOKS:

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

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

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

Johnson,, B.S. Psychiatric-Mental Health Nursing - Adaptation and Growth, J.B. Lippincott Co., St. Louis, 1986.

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

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

Kee, J.L., Laboratory and Diagnostic Tests With Nursing Implications, Appleton Century Croft.