

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: PATHOPHYSIOLOGY II

CODE NO.: BIO218

SEMESTER: 4

PROGRAM: NURSING

AUTHOR: BRENDA WARNOCK

DATE: MAY, 1996

PREVIOUS OUTLINE DATED: NEW

APPROVED: _____

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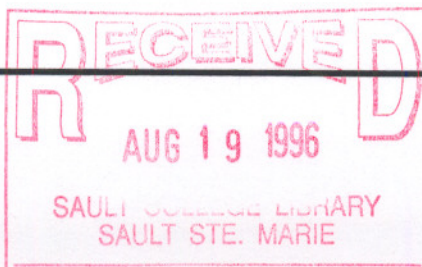
DATE

TOTAL CREDITS: 2

PREREQUISITE(S): BIO208

LENGTH OF COURSE: 3 HOURS/WEEK

TOTAL CREDIT HOURS: 42



COURSE NAME

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I. COURSE DESCRIPTION:

This course will build on the Pathophysiology I course. The student will continue to explore the concepts of pathophysiology and the effect on the structure and functioning of the body. Overall mechanisms of common diseases have been categorized into concepts and these concepts will be examined for the effect that they produce on each of the body systems.

II. LEARNING OUTCOMES:

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

1. explain the basic concepts of pathophysiology and the general principles of disease.
2. demonstrate how the human body deals with the dynamic aspects of disease process.
3. explain the various dysfunctions of an organ or organ system.
4. analyze how the various dysfunctions of an organ or organ system effect the human body as a whole.

III. TOPICS:

Content will be examined under the following concepts:

Homeostasis and imbalances
Stress response
Alteration in defense mechanisms
Alteration in biological mechanisms
Genetic
Hyperplasia
Neoplasms
Restrictive
Obstructive

III. TOPICS (Continued)

Infective
Excess/deficiency

Units:

Nervous System
Endocrine
Reproductive
GI metabolism
Blood disorders
Immune
Musculoskeletal
Dermatological

IV. REQUIRED RESOURCES:

Smeltzer, S. & Bare, B. (1996). Brunner & Suddarth's Textbook of Medical-Surgical Nursing (7th ed.). Toronto: Lippincott.

Pathophysiology II Student Resource Package.

MacDermott, B., & Dealie, J. (1994). Understanding Basic Pharmacology: Practical Approaches for Effective Application. Canada: Login Brothers.

Skidmore-Roth, L. (1994). Mosby's 1995 Nursing Drug Reference. Toronto: C.V. Mosby Company.

Refer to the Student Resource Package for additional recommended resources.

V. EVALUATION PROCESS/GRADING SYSTEM:

1. The pass mark for the course is 60%. The course mark is composed of term quizzes worth 50%, a mid-term worth 25% and a final examination worth 25%.

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V. EVALUATION PROCESS/GRADING SYSTEM (Continued)

2. Students may be eligible for a rewrite of 1 test, exam or assignment. The highest mark that can be achieved on a rewrite is 60%. Refer to the Student Success Guide for specific policies.

VI. SPECIAL NOTES:

Special Needs

If you are a student with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities), you are encouraged to discuss required accommodations confidentially with the instructor and/or contact the Special Needs Office, Room E1204, Ext. 493, 717, 491 so that support services can be arranged for you.

Retention of Course Outlines

It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other post-secondary institutions.

Substitute Course Information is available at the Registrar's Office.

Plagiarism

Students should refer to the description of "academic dishonesty" in the Statement of Student Rights and Responsibilities.

Your instructor reserves the right to modify the course as he/she deems necessary to meet the needs of students.

VII. PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advanced credit in the course should consult the instructor.