

Library

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

COURSE OUTLINE

Course Title: BIOLOGY

Code No: BIO 121-5

Program: NURSING

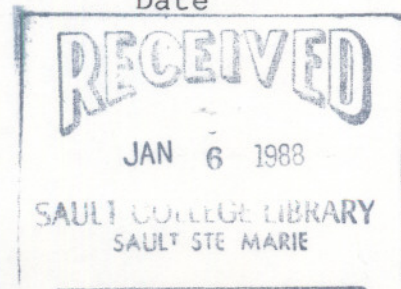
Semester: TWO

Date: JANUARY, 1988

Author: MARGARET HURTUBISE

New: Revision: X

APPROVED: _____ Date _____
Chairperson



BIOLOGY

BIO 121-5

Course Name

Course Number

CALENDAR DESCRIPTION:

The Biology course deals with the structure and function of the human body.

This course also includes common stimuli which affect the structure and function of man as well as man's adaptive responses, which enable him to maintain a relatively constant state.

Understanding the human body and how it reacts to various stimuli will enable the student to relate this knowledge to the practice of nursing.

This is a continuation of BIO 101-5.

GENERAL OBJECTIVES:

1. Describe biological adaptation in relation to the structure and function of the human body.
 - a) Describe the structure of the human body.
 - b) Describe the function of the human body
 - c) Describe the relationship of function to structure in the human body.
 - d) Describe the changes that occur in structure and function throughout the life cycle from conception to death.
2. Explain the concept of biological adaptation.
 - a) Describe the biological stimuli that impinge upon man.
 - b) Explain the concept of adaptation using examples from the biological mode.
 - c) Describe the variables that influence biological responses.
 - d) Illustrate adaptive and/or maladaptive biological responses.
 - e) Describe how an individual maintains and promotes biological adaptation.

METHOD OF ASSESSMENT (GRADING METHOD):

Grading: A 80 - 100%
B 70 - 79%
C 60 - 69%

Please note that a pass in Biology is a "C"

Note: If you are unable to attend class for a test, you must contact the Health Sciences office (949-2050 Ext. 690) before the test. If you fail to do so, you will not be allowed to write and will receive a mark of zero. You must make individual arrangements with me on the first day back to school. Students who do not pass any of the tests and do not pass the final exam, will not be given the privilege of writing the supplemental exam. They will receive an "R". Students who are given the opportunity to write the supplemental exam and pass, will receive a "C". Excellent attendance will be used to improve borderline marks.

<u>Term Work:</u>	Unit Tests	200
	Diagram Test	50
		<u>250</u>
	Final Exam	150
		<u>400</u>

Final Mark: $\frac{\text{Your mark out of a possible 400}}{4} = \%$

Tentative Test Schedule:

<u>Date</u>	<u>Units</u>	<u>Marks</u>	<u>Your Mark</u>
Week of February 1, 1988	Respiratory	20	
Week of February 22, 1988	Circulatory & Lymphatic	50	
Week of March 21, 1988	Fluids & Electrolytes & Urinary	40	
Week of April 11, 1988	Reproductive	50	
Week of April 18, 1988	Digestive	40	
Week of April 25, 1988	Diagram Test	50	
Week of April 25, 1988	Final Exam	150	

Keep track of all your own test marks so that you may calculate your own term mark.

Units and Hours

<u>Units</u>	<u>Approximate Hours</u>
Respiratory System	7
Circulatory & Lymphatic System	15
Urinary System	8
Fluids & Electolytes	10
Digestive System	11
Reproductive System (Labour, etc.)	21
Biology Tests and exam	5
	<u>72</u> hours

Biology help available weekly (optional)