

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, 1985

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New: _____ Revision: X

APPROVED: _____
Chairperson Date

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. Check your Program Requirements Guide for direction. Keep track of all you own test marks so that you may calculate your own term mark.

METHOD OF ASSESSMENT CON'T:

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

Final Mark: Your mark out of a possible 400
4

Tentative Test Schedule:

	<u>Units</u>	<u>Marks</u>
Week of February 18th	Circulatory & Lymphatic	40
Week of March 18th	Respiratory & Urinary	40
Week of April 1st	Fluids & Electro- lytes	60
	and	
	Digestive System	
Week of April 29th	Reproductive	60
Week of May 6th	Diagram Test	50
Week of May 13th (subject to change)	Final Exam	150

Units and Hours

<u>Units</u>	<u>Approximate Hours</u>
Respiratory System	6
Circulatory & Lymphatic System	14
Urinary System	8
Fluids & Electolytes	8
Digestive System	10
Reproductive System (Labour, etc.)	21
Biology Tests and exam	7
	<u>74</u> hours