

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: HUMAN ANATOMY AND PHYSIOLOGY I

CODE NO.: BIO 106 SEMESTER: 1

PROGRAM: NURSING AND PRACTICAL NURSING

AUTHOR: MARGARET HURTUBISE/LESLIE FOSTER/MARION MARKS

DATE: SEPTEMBER, 1997 PREVIOUS OUTLINE DATED: JAN., 1997

APPROVED: _____
DEAN

DATE

TOTAL CREDITS: 4

PREREQUISITE(S): NONE

LENGTH OF COURSE: 4 HRS/WEEK

TOTAL CREDIT HOURS: 60

I. COURSE DESCRIPTION:

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This course is the study of normal anatomy and physiology beginning with an orientation to the body and continuing through the cell, and four of the major systems. An introduction to microbiology is included. Three unifying themes, the interrelationships of the body organ systems, homeostasis, and the complementarity of structure and function, will provide the basis of understanding the workings of the human body.

II. LEARNING OUTCOMES:

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

1. utilize the terminology related to the structure and function of the human body.
2. recognize the interrelationships of cells, tissues, organs and body systems.
3. differentiate the basic chemical concepts and principles as they are related to human anatomy and physiology.
4. integrate the structural characteristics and functional processes common to all human cells and tissues.
5. describe the location, structure and function of organs of the stated major body systems.
6. recognize the effect of microbes on the human body.
7. analyze the interrelationships of body organ systems, homeostasis and complementarity of structure and function.

III. TOPICS:

- | | |
|-----------------------------------|-----------------------------|
| 1) Organization of the Human Body | 6) Musculoskeletal System |
| 2) The Chemical Basis of Life | 7) Microbiology |
| 3) The Cell | 8) The Nervous System |
| 4) Tissues | 9) The Somatosensory System |
| 5) The Skin | 10) The Special Senses |
| | 11) The Endocrine System |

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

COURSE NAME

COURSE CODE

Thibodeau, G.A. and Patton, K.T. (1996). Anatomy & Physiology (3rd ed.). Mosby Year Book.

Thibodeau, G.A. and Patton, K.T. (1996). Anatomy & Physiology Study Guide (3rd ed.). Mosby Year Book.

Human Anatomy and Physiology I Student Resource Package, 1997-98.

Microbiology texts on reserve in the College Library.

V. EVALUATION PROCESS/GRADING SYSTEM

1. The pass mark for this course is 60%. It is composed of term quizzes, assignments, mid-term exam and a final exam.

2. Evaluation Methods:

- Quizzes (10 in total, top 8 are counted)	- 20%
- Microbiology Assignment	- 20%
- Mid-term Exam (60 multiple choice and 20 marks diagrams = 80 marks)	- 30%
- Final Exam (80 multiple choice and 20 marks diagrams = 100 marks)	<u>- 30%</u>
TOTAL	100%

Mid-term Exam: will consist of course material from the beginning of the course until mid-term date.

Final Exam: will consist of course material from the mid-term exam to the end of the course.

3. Students who receive an overall mark of below 60% may be eligible to write a supplemental exam.

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V. EVALUATION PROCESS/GRADING SYSTEM (Continued)

The following criteria applies:

- received at least 50% in the overall mark
- attended at least 65% of the classes

The supplemental exam will cover the whole semester. It may include multiple choice questions, short answer and/or matching questions and diagrams.

4. Students missing the weekly quizzes for any reason will **not** be able to write them at a later date.
5. Students missing the mid-term exam or final exam because of illness or other serious reason must phone the professor before the exam to inform her/him (759-2554, Ext. ____). Those students who have notified the professor of their absence that day will be eligible to arrange an opportunity as soon as possible to write the exam at another time. Those students **who do not notify** the professor will receive a zero for that exam.
6. Students receiving borderline marks (59, 69, 79, 89) will have their mark advanced to the next category if they have attended at least 80% of the classes.

7. Course Grading Scheme

A+	90 - 100%	Outstanding Achievement
A	80 - 89%	Above Average Achievement
B	70 - 79%	Average Achievement
C	60 - 69%	Satisfactory Achievement
U		Unsatisfactory given at mid-term only
S		Satisfactory given at mid-term only
R		Repeat the course

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V. EVALUATION PROCESS/GRADING SYSTEM (Continued)

X

A temporary grade that is limited to instances where special circumstances have prevented the student from completing outcomes by the end of the semester. An “X” grade must have the Dean’s approval and has a maximum time limit of 120 days.

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 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.

- Disclaimer

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

- Plagiarism

Students should refer to the definition of “academic dishonesty” in the “Statement of Student Rights and Responsibilities”.

Students who engage in “academic dishonesty” will receive an automatic failure for that submission and/or such other penalty, up to and including expulsion from the course, as may be decided by the professor.

In order to protect students from inadvertent plagiarism, to protect the copyright of the material referenced and to credit the author of the material, it is the policy of this department to employ the documentation format for referencing source material used by the English Department of Sault College.

VI. SPECIAL NOTES (Continued)

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- Substitute Course Information is available at the Registrar's Office.
- All quizzes, tests and exams are the property of Sault College.
- Attendance
Students are expected to attend all classes. Various handouts may be given out during class and students are responsible for keeping up with the material missed. The easiest way to do this, is to attend classes. Many classes involve discussion and collaboration. If you are absent, this learning is lost.
- Sault College wishes to acknowledge the contribution Georgian College has made to this course.

VII. PRIOR LEARNING ASSESSMENT

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