

**SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY  
SAULT STE MARIE, ON**



**COURSE OUTLINE**

**Course Title: Human Anatomy and Physiology II**

**Code No.: BIO109                                Semester: 2**

**Program: Nursing and Practical Nursing**

**Author: Margaret Hurtubise/Leslie Foster/Marion Marks**

**Date: January, 1998                                Previous Outline Date: 01/97**

**Approved:**

*[Signature]*  
\_\_\_\_\_  
**Dean**

*Dec 24/97*  
\_\_\_\_\_  
**Date**

**Total Credits: 4**  
**Length of Course: 4 Hrs/Wk**

**Prerequisite(s): BIO106**  
**Total Credit Hours: 60**

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**For additional information, please contact Donna Tremblay, School of Health Sciences, Human  
Sciences and Teacher Education (705) 759-2554, Ext. 690.**

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**COURSE NAME****CODE****I. PHILOSOPHY/GOALS:**

The study of normal anatomy and physiology of the human body is a continuation of Human Anatomy and Physiology I. It continues with the study of major body systems from the cardiovascular system to the reproductive systems. Three unifying themes, the interrelationships of body organ systems, homeostasis, and the complementarity of structure and function, will provide the basis of understanding and 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 interrelationship of cells, tissues, organs and body systems.
3. describe the location, structure and function of organs of specified major body systems.
4. analyze the interrelationships of body organ systems, homeostasis and the complementarity of structure and function.

**III. TOPICS:**

- |                                    |  |
|------------------------------------|--|
| 1) Cardiovascular System           | 5) Urinary System                              |
| 2) Lymphatic System and Immunity   | 6) Fluids, Electrolytes, Acid/<br>Base Balance |
| 3) Respiratory System              | 7) Male and Female Reproductive System         |
| 4) Digestive System and Metabolism | 8) Genetics                                    |

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COURSE NAME

CODE

**IV. REQUIRED RESOURCES/TEXTS/MATERIALS:**

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 II Student Resource Package, 1997-98.

**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:

- Unit Tests (8 in total, top 7 are counted)	- 20%
- Respiratory Assignment	- 20%
- Mid-term Exam	- 30%
- Final Exam	- 30%
TOTAL	100%

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

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

3. Students who receive a mark of below 60% may be eligible to write a supplemental exam. 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 unit tests for any reason will **not** be able to write them at any other date.

COURSE NAME

CODE

**V. EVALUATION PROCESS/GRADING SYSTEM (Continued)**

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, according to policy, 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
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.

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**COURSE NAME****CODE****VI. SPECIAL NOTES (cont.):****- 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 the 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.

**- Substitute Course Information is available at the Registrar’s Office.****- 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.

**- 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.