

COURSE INFORMATION SHEET  
**ZOOLOGY 263 – Human Physiology II**

Tentative Course Outline and Schedule for Winter semester, 2007.

Note : Credit for both Zoology 263 and 169 will not be allowed.

**Time:** Lectures – W/F, 1:00-2:15  
Labs - ?

**Instructor :** Dr. Carol Kroeker  
Office : 519A  
Phone: 571-2550, ext 5910  
Email: ckroeker@auc-nuc.ca

**Text :** Human Physiology: From Cells to Systems, 6<sup>th</sup> edition  
Lauralee Sherwood  
West Publication Co.

Note: You may substitute an earlier edition of the text for the course (or possibly another suitable Physiology text – but please check with me).

**Learning Objectives:**

1. Students will be able to discuss the anatomy and physiology of the basic human systems including the cardiovascular, immune, respiratory, digestive, and urinary systems.
2. Students will learn laboratory techniques essential to research in physiology.

**Mark Distribution :**

2 Midterm Exams	40%
Laboratory Reports	20%
Final Exam	40%

This course consists of 3 hours of lectures per week, plus a 2-hour lab. The midterm and final exam will be a combination of multiple choice questions, as well as short and long answer questions. While most questions will be based on lecture material, the textbook reading will absolutely help in the understanding of this material. Attendance at lectures will help ensure success on course exams and assignments.

## TENTATIVE LECTURE SCHEDULE

WEEK OF	TOPIC	TEXTBOOK CHAPTER
Jan. 10	Blood/Hemostasis	11, 12
17	Immune System	12
24	Cardiovascular System	9, 10
31	Cardiovascular System	9,10
Feb. 7	Cardiovascular	9, 10
14	Exam I/ Respiratory	13
21	Reading Week	
28	Respiratory	13
Mar. 7	Renal and Electrolytes	14, 15
14	Renal and Electrolytes	14, 15
21	Exam II	
28	Digestion	16
Apr. 4	Digestion	16
11	Thermoregulation	17
18	Review	

**SUPPLEMENTARY REFERENCES:** Located in AUC-NUC library or at University of Calgary.

**Human Anatomy and Physiology** (3rd ed.)  
- A.P. Spence and E.B. Mason

**Human Anatomy and Physiology** (7th ed.)  
- G.J. Tortora and S.R. Grabowski

**Human Physiology- Functions of the Human Body**  
- R.M. Durham

**Human Physiology**  
- R. Rhoades and R. Pflanzer

**Textbook of Medical Physiology**  
- A.C. Guyton

**Human Physiology** (3rd ed.)  
- S.I. Fox

## **Laboratory Schedule**

At this time, a lab manual is not available. Hand-outs will be given out before the labs each week. Lab topics will include: Anatomy and Physiology of specific body system covered in this course.

Attendance at the laboratory sessions is **COMPULSORY**. Any lab missed without a valid excuse cannot be made up. Lab coats are not required.

The lab portion of this course will consist of 3 lab assignments and 2 lab reports worth 4% each.

## **Grading Scheme**

A	90-100%	C	63-65%
A-	85-89%	C-	60-62%
B+	80-84%	D+	54-59%
B	76-79%	D	50-53%
B-	70-75%	F	Below 50%
C+	67-69%		