

**ALLIANCE UNIVERSITY COLLEGE / NAZARENE UNIVERSITY COLLEGE**

**ZOOLOGY 169**

**HUMAN PHYSIOLOGY**

Tentative Course Outline and Information for Spring semester, 2007.  
This course teaches basic human physiology.

Note : Credit for both Zoology 261 / 263 and 169 will not be allowed.

**PREREQUISITE:** Biology 30 or equivalent

**INSTRUCTOR:** Carol Kroeker, PhD  
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<b>GRADING:</b>	4 tests	= 40%
	Final lecture exam	= 20%
	Assignments	= 40%
	Total	= 100%

**TEXTBOOKS:** 1. **Hole's essentials of Human Anatomy and Physiology**,  
(9th ed., 2006) – D. Shier, J. Butler, R. Lewis

**SUPPLEMENTARY REFERENCES:** Located in Library (Reserve or U. of C.) or in Carol's Office!

**Human Physiology - From Cells to Systems** (2<sup>nd</sup> ed.), L. Sherwood

**Human Anatomy and Physiology** (3<sup>rd</sup> ed.), A.P. Spence and E.B. Mason

**Human Anatomy and Physiology** (7<sup>th</sup> ed.), G.J. Tortora and S.R. Grabowski

**Human Physiology – Functions of the Human Body** , R.M. Durham

**Textbook of Medical Physiology** (7<sup>th</sup> ed.), A.C. Guyton

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

**Human Physiology** (3<sup>rd</sup> ed.), S.I.Fox

### **COURSE LEARNING OUTCOMES:**

1. Students will have a basic understanding of human physiology, through a basic overview of each body system.
2. Students will see the relationship between organ systems within the body, i.e., to see how these organ systems function together to maintain body function, and to see how injury or malfunction of one organ system can affect the rest of the body.

### **GENERAL INFORMATION**

Students are responsible for all material given in the lectures, whether or not it is found in the textbook. Therefore, it is essential that you attend all lecture sessions.

### **GRADING**

Grades will be awarded on the basis of the following percentages:

A	90-100%	C	63-66%
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%		

## TENTATIVE LECTURE SCHEDULE

<b>DAY</b>	<b>TOPIC</b>	<b>TEXTBOOK CHAPTER</b>
May 7	Homeostasis / cell Cell Physiology Skin and Skeletal System Membrane and Neuronal Physiology	1, 3 4, 5 6, 7 9
May 8	Central Nervous System Sensory Physiology Special Senses	9 10 10
May 9	Muscle Physiology Cardiovascular System	8 13
May 10	Blood and Immunity Respiratory System Digestive System	12, 14 16 15
May 11	Urinary System Endocrine System Reproduction	17, 18 11 19