



## ZOOLOGY 361 – Pathophysiology

Tentative Course Outline and Schedule for Fall semester, 2012.

**Pre-requisites :** Zoology 261 and 263, or permission from the Biology program chair.

**Times:**           **Lectures:** Tuesdays / Thursdays, 9:45-11:00  
                          **Tutorials:** to be scheduled as required

**Instructor :** Dr. Carol Gibbons Kroeker  
Office :           A2156  
Phone:           410-2000, ext 5910  
Email:           ckroeker@ambrose.edu

**Text :**            Human Diseases, by Marianne Neighbours and Ruth Tannehill-Jones, Delmar Cengage-Jones publisher, 2010.

This introductory pathophysiology class will discuss the pathogenesis of disease, and review the major diseases for each body system.

### Learning Objectives:

1. Students will be able to discuss the causes, symptoms, and progressions of diseases.
2. Students will learn the types of diseases and their classes, and know the diseases associated with each body system
3. Students will collaborate with peers to present several case studies and disease overviews

**Mark Distribution :**

2 Midterm Exams (in class)	40%
Assignments / presentations	20%
Final Exam	40%

(Scheduled by registrar)

This course consists of 3 hours of lectures per week, plus variable tutorial or group work time.

The midterm and final exams 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 is **STRONGLY** recommended and will help ensure success on course exams and assignments.

<u>Dates</u>	<u>Topic</u>	<u>Text Chapters</u>
<u>Week of</u>		
Sept. 3	Introduction to disease Mechanism of disease	1 2
Sept. 10	Heredity and disease / development	
Sept. 17	Cancers Immunity and infectious diseases	3 4
Sept. 24	Immune system disorders review	5
Oct. 1	Lymphatic diseases Midterm I	10
Oct. 8	Musculoskeletal disorders	6
Oct. 15	Blood disorders	7
Oct. 22	Cardiovascular diseases	8
Oct. 29	Respiratory diseases Urinary disease	9 13
Nov. 5	Endocrine diseases Midterm II	14
Nov. 12	Digestive disorders	11, 12
Nov. 19	Nervous disorders	15, 16
Dec. 26	Reproduction	17
Dec. 3	Integumentary diseases Review	18

## Group Work

While there is no formal lab component to this course, there will be several presentations to be made that will require group work and tutorial time. Be prepared to set aside time as needed for this work.

## Grading Scheme

A+	97-100%		C+	67-69%	
A	93-96%	Excellent	C	63-66%	Satisfactory
A-	89-93%		C-	60-62%	
B+	83-89%		D+	54-59%	
B	77-82%	Good	D	50-53%	Minimal Pass
B-	70-76%		F	Below 50%	Fail

## Important Notes/Dates:

The last day to enter a course without permission and /or voluntary withdrawal from a course without financial penalty – Sunday, September 16, 2012

The last day to voluntarily withdraw from a course or change to audit without academic penalty – Monday, November 12, 2012

***Please note that final grades will be available on your student portal. Printed grade sheets are no longer mailed out.***

## Classroom Etiquette:

It is expected that students will take an active role in the learning process. This includes: (a) regular class attendance, (b) reading course material in advance of class, and (c) engaging in discussions during class.

In respect to the professor and to your fellow students, we ask that you:

- a) Turn your phone off during class and that you don't use it for texting during lecture or lab
- b) Not have conversations with the people beside your during lecture – it is very distracting to the people around you
- c) Use your laptops for lecture material and assignments only – that you are not using the internet or facebook during class time.
- d) Arrive to lecture and lab on time
- e) Don't come to class or lab with your ipod or equivalent.

These will help to maximize the learning experience for you and your fellow students (and will keep your professor in a good mood).

*It is the responsibility of all students to become familiar with and adhere to academic policies as stated in the Student Handbook and Academic Calendar. Personal information, that is information about an individual that may be used to identify that individual, may be collected as a requirement as part of taking this class. Any information collected will only be used and disclosed for the purpose for which the collection was intended. For further information contact the Privacy Compliance Officer at [privacy@ambrose.edu](mailto:privacy@ambrose.edu).*

*Academic dishonesty is taken seriously at Ambrose University College as it undermines our academic standards and affects the integrity of each member of our learning community. Any attempt to obtain credit for academic work through fraudulent, deceptive, or dishonest means is academic dishonesty. Plagiarism involves presenting someone else's ideas, words, or work as one's own. Plagiarism is fraud and theft, but plagiarism can also occur by accident when a student fails or forgets to give credit to another person's ideas or words. Plagiarism and cheating can result in a failing grade for an assignment, for the course, or immediate dismissal from Ambrose. Students are expected to be familiar with the policy statements in the current academic calendar and the student handbook that deal with plagiarism, cheating, and the penalties and procedures for dealing with these matters. All cases of academic dishonesty are reported to the Academic Dean and become part of the student's permanent record.*

*We are committed to fostering personal integrity and will not overlook breaches of integrity such as plagiarism and cheating. Plagiarism and cheating can result in a failing grade for an assignment, for the course, or immediate dismissal from the university college. Students are expected to be familiar with the policies in the current Academic Calendar and the Student Handbook that deal with plagiarism, cheating, and the penalties and procedures for dealing with these matters. All cases of academic dishonesty are reported to the Academic Dean.*