

IOWA STATE UNIVERSITY

Course: BIOLOGY 155, *Introduction to the Human Body*, Spring 2008

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Text: Human Biology: Concepts and Current Issues. 4th Edition, by Michael D. Johnson

WebCT

This course is conducted entirely on-line. Online lectures and other course materials will be accessed via WebCT Gold. Visit this class on WebCT Gold at <https://webct0.its.iastate.edu/> Login using your ISU Net-ID (your ISU email address without the @iastate.edu) and password. Enter this class to go to our course Homepage. The course Homepage has links to all materials for this class, including this syllabus and your grades. You will also find links to additional information about how the course works on this page. All announcements will be posted here as well. There is no set meeting day or time. All course materials are available online via WebCT 24 hours/day, 7 days/week. The Calendar, available on this page, includes all deadlines for the class. The Course Contents link takes you to links for each Unit where you can access the material for that unit, including lecture learning objectives, pre-lecture quizzes, online lectures, pdf files for printing the lecture PowerPoint handouts, and crossword puzzles for vocabulary review. The Quizzes and Exams link takes you to quizzes and graded exams. My Grades, also on the Homepage, lists all of the grades (points) you have earned through the semester and will be used to display your midterm (unofficial) and final (official) grade. A FAQ is also available on the course Homepage.

Course Outline

<u>Topic</u>	<u>Text Chapter(s)</u>
Introduction	1
Chemistry of Life	2
Cells	3
Human Body Organization	4
Digestion and Nutrition	14
EXAM I	
Blood, Circulation	7, 8
Respiration	10

Excretion	15
Skeletal Systems	5
EXAM II	
Muscles	6
Nervous System	11
Senses	12
Endocrinology	13
Reproductive System	16
Development and Aging	21
EXAM III	
Genetics	17, 19, 20
Immunity and Disease	9, 18
Evolution	22
COMPREHENSIVE FINAL EXAM	

Overview of the Class

Course Outcomes

By the end of this class, you should be able to:

1. Summarize the workings of the human body.
2. Apply understanding of how the body works to new situations.
3. Evaluate writings about the human body for scientific soundness.

Course Content

There are four units in this class; each is the Course Content area of WebCT. After Unit 1, each subsequent Unit will appear one week before the exam for the prior unit. You can work ahead if it convenient for you. The plan for each unit is similar. The material is broken down by chapters of the text for each unit. For all chapters, there are learning objectives – for lecture and for reading. For most chapters, there is a quiz covering mostly pictures from the text. If there is a pre-lecture quiz, there will be learning objectives listed. Sometimes the

pre-lecture quizzes for two chapters are combined for one quiz. You should read the chapter and take this quiz before listening to the lecture. There are lectures over each chapter covered and handouts are available to go with each lecture. As you view the lectures, you will find multiple-choice questions interspersed. The questions are meant to help you concentrate on the main points of the lecture; they are not graded. They are not in the handouts. These questions are part of the test bank used to present your exams, so you might see them again. At the end of each unit, there is a crossword puzzle you can do to help prepare for the exam; crosswords are not graded. You should concentrate on using your learning objectives to prepare for the exam; all exam questions cover learning objectives. Each unit will also have a weekly discussion component, usually focused on controversial subjects associated with the topics of the unit.

Pre-Lecture Quizzes

For most chapters, there is a list of learning objectives for 10-point pre-lecture quizzes. These quizzes cover pictures (mostly) from each chapter or two. These quizzes will all be available when the Unit is available. Use the "Pre-Lecture Quizzes and Exams" link. These quizzes are open-book, but the time limit will be only 5 minutes total for 10 questions – you should use the learning objectives to be sure you are ready to take the quiz quickly, demonstrating you know the material. You must complete taking each WebCT Quiz by 11 P.M. of the deadline date. The quiz deadlines will be extended only in extraordinary circumstances and only once during the semester for any student. The quiz deadlines are set to allow you to learn the basic anatomy before you proceed to listen to the lecture. You will learn more from the lecture when you are already familiar with the material. When you are finished with the quiz, click on the "Finish" button.

Lectures

Lectures are available on WebCT. You may view these lectures as many times as you wish, but be sure to use the learning objectives to assure you are learning the material covered on the exam. Interspersed in the lectures are multiple-choice questions that will allow you to review the material as you listen to the lecture. These questions are not graded, but the questions will be part of the question bank used for your exams. Therefore, you might see these questions again, so it would be prudent to use them as a study aid.

Exams

At the end of each Units 1 through 3, there will be exams worth 100 points each. At the end of Unit 4 there will be a comprehensive final exam worth 120 points; about 40% of this exam will cover units 1 - 3, about 60% will cover unit 4. All exam questions are multiple-choice and worth 2 points each. It will be assumed that you know the information on the pre-lecture quizzes when you take each exam, so you should review the material on the pre-lecture quizzes before exams. The deadline for completing each exam is given on the course "Calendar" and is also on page one of this syllabus. You will not be allowed to take the exam after the deadline without instructor permission.

How to take an Exam

All exams will be done on-line using the Quiz/Exam function of WebCT. Allow 30-60 minutes to take each unit exam; the limit will be 60 minutes. For the comprehensive final, the time limit will be 2 hours. Use the Pre-Lecture Quizzes and Exams link to get to them. Once you get to the "Pre-Lecture Quizzes and Exams" page click on the link to the exam you want to take. You will then be prompted to enter a password. Only a proctor has this password, which is required so you can access the exam. When you are finished with the test please click on the "Finish" button.

On-campus students

Exams will be taken in the Center for On-Line Learning Online Testing Facility in 60 Carver Hall. When you enter the room you will need to check in with the proctor and show a picture ID (ISU Card or driver's license).

You will take all exams in 60 Carver Hall. You **MUST** have your red ISU card to take them. This computer lab is usually open M-F 8AM to 4PM and a couple evenings every week. The actual hours will be posted on the door and on our homepage when they have been determined for the semester.

Off-campus students

<http://www.coll.las.iastate.edu/projectbio/courses/proctor.htm>

You must identify a proctor in your local community and have that individual complete the Proctor Agreement Form. (Use the link above to get to the guidelines for identifying a proctor and the form a proctor must complete.) You need to do this at least a week before you take your first exam so we can send your proctor information needed about the exam. Your proctor must be physically present when you take the exam. This individual will verify your identity and monitor the exam. The exams will be given on-line, so you will need to be at an internet-connected computer.

PPP Points

“PPP” stands for **performance, participation and professionalism**. If you complete every assignment on time, take part in every discussion in an active manner and always present yourself in your postings on the discussion forums and emails in a professional manner, then you will receive all of these points. Missed assignments, a lack of participation or unprofessional conduct will result in a loss of these points

Weekly Unit Discussions

For all four units, you will be asked to compose a number of short essays on topics in human biology. Compose your essay in a word processor and copy and paste them into the discussion forum. Your comments will be graded subjectively, for your personal essays and your comments on others' postings, for a total of up to 5 points of extra credit per week. The deadline for discussion postings for each week is Sunday at 3pm.

Course Grading

Grades are based upon the percentage of total possible points earned. Percentages will be rounded to whole numbers for grade assignment using the following grading scale:

	A 93-100%	A- 90-92%
B+ 87-89%	B 83-86%	B- 80-82%
C+ 77-79%	C 70-76%	C- 67-69%
D+ 63-66%	D 60-62%	D- 57-59%
F 0-56%		

Keep a record of your points earned to compare with my records you can view in the “My Grades” section of WebCT. If there is an error or your points have not been recorded, notify me within one week so the error can be corrected. After one week, all scores posted on WebCT are final.

Source of Points

Points Possible

Lecture Exam I	100
Lecture Exam II	100
Lecture Exam III	100
Final Exam	120
Chapter Quizzes	160
PPP Points	70
Total Possible	650
Extra Credit	
Weekly Discussions Unit 1	25
Weekly Discussions Unit 2	25
Weekly Discussions Unit 3	25
Weekly Discussions Unit 4	25