



Course Syllabus

NOTE: This syllabus is subject to change during the semester . Please check this syllabus on a regular basis for any updates.

Department : Biology
Course Title : Anatomy & Physiology II
Section Name : BIOL_2402_3
Start Date : 08/23/2010
End Date : 12/10/2010
Modality : FACE-TO-FACE
Credits :

Instructor Information

Name : Thomas Crawford
OC Email : tcrawford@odessa.edu
OC Phone # : (432) 335-6805

Course Description

BIOL 2402 is the second semester of Anatomy and Physiology lecture focusing on the remaining seven body systems not covered in BIOL2401.

Prerequisites/Corequisites

Pass reading on THEA or COMPASS and be eligible for Intermediate Algebra by passing math on THEA or COMPASS or by passing the developmental math sequence. Successful completion of HPRS 1106 and BIOL 2401 with a grade of 'C' or higher, (or permission from department chair).

Scans

1, 6, 9

Course Objectives

1. Learner will be able to identify the significant anatomical structures of the following organ systems: Endocrine, Cardiovascular, Immune, Respiratory, Digestive, Urinary, and Reproductive.
 2. Learner will be able to explain the physiology of the following organ systems: Endocrine, Cardiovascular, Immune, Respiratory, Digestive, Urinary, and Reproductive.
 3. Learner will be able to describe how each organ system interacts with the others.
 4. Learner will be able to explain how the body converts various nutrients into energy for use in the body.
 5. Learner will be able to explain the regulation of the acid/base balance as well as fluid and electrolytes in the human body.
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Policies: Four regular examinations and a final examination will be given. The average of these exams will be approximately 70% of the total Anatomy and Physiology II grade, depending on your instructor's method of calculating the grades.

The lecture portion of Anatomy and Physiology II is designed to provide a didactic learning experience; therefore, participation in all classroom periods is necessary to fully meet course requirements. Excessive absences will have a direct impact on your final lecture grade. The last day to drop with a (W) is Wed. Nov. 10, 2010.

Grievances: Odessa College policy suggests that student grievances first be discussed with the instructor. Unresolved issues may then be discussed with the instructor's immediate supervisor.

Academic integrity: Cheating in any form will not be tolerated. The first offense will result in a grade of zero for that assignment. Any subsequent offense will result in expulsion from the course with an (F).

Additional information:

1. Read material prior to coming to class.
2. Reviewing your notes immediately after class is a great way to increase your retention.
3. Tutoring is available in the synapse lab! If you are having difficulty, please seek assistance early.
4. The last day to drop with a "W" is Wednesday, November 10, 2010.
5. The exam dates will be announced in Lecture should they vary from the syllabus.
6. Always be prepared for pop quizzes.
7. Please keep a record of your own grades.
8. Lectures are recorded on Tegrity and will appear in Blackboard.
9. Students need to furnish a green scantron and a number two pencil for examinations.
10. Cell phone and pagers disrupt the class; therefore, place the device on vibrate.

Required Readings/Materials

a) You must purchase the following **required** readings/materials:

Human Anatomy & Physiology, 8th ed., by Elaine N. Marieb

Course Requirements (Lectures, Assignments and Assessments)

Lecture, Tegrity viewing, Exams, Quizzes

Topic/Overview: This week focuses on:

LECTURE and EXAMS SUBJECT to CHANGE

Aug 23 Intro.To Class
25Ch. 16: Endocrine System

27 Ch. 16Continued

Sept 30 Ch. 16Continued
1 Ch. 17: Blood
3 Ch. 17: Continued
6Ch. 17Continued, Ch. 18: Heart
8 Ch. 18: Continued
10 Exam1 (Ch. 16,17)
13Ch. 18 Continued; Ch. 19: Blood Vessels
15 Ch. 19: Continued
17Ch. 19: Continued; Ch. 20: Lymphatic System
20 Ch. 20: Continued
22Ch. 21 Immune System
24 Exam2 (Ch. 18 ? 20)
27 Ch. 21: Continued
29Ch. 21:Continued;

Oct 1Ch. 22: Respiratory System
4 Ch. 22: Continued
6 Ch. 22: Continued
8 Exam 3 (Ch. 21,22);
11Ch. 23:Digestive System
13 Ch. 23: Continued
15 Ch. 23: Continued
18 Ch. 23: Continued
20Ch. 24:Nutrition & Metabolism
22 Ch. 24: Continued
25 Ch. 24: Continued
27Ch. 26: Fluid, Electrolyte & Acid-Base Balance
29 Ch. 26 Continued;

Nov 1Ch. 25: Urinary System
3 Ch. 25: Continued
5 **Exam4 (Ch. 23,24,26)**
8 Ch. 25: Continued
10Ch. 27: Reproductive System
12 Ch. 27: Continued
15Ch. 28:Pregnancy and Human Development
17 Ch. 28: Continued
19 Ch. 29: Heredity
22**Exam5 (Ch. 25,27,28)**
24Thanksgiving Holiday (Yummy!)
26Thanksgiving Holiday (Yummy!)

Dec

29 Ch. 29: Continued

1 Ch. 29: Continued

3Comprehensive Make up (Ch. 16 - 28)

6 Comprehensive Final Exam (Includes Ch. 29)

11:00 am - 1:30pm Bring 2 green scantrons

Grading Policy

Four lecture Exams, pop quizzes, graded assignments and a Final exam will be averaged by perspective weight and the calculated percentage will be awarded a final letter grade for the course as follows:

Percentage %	Grade
90-100	A
80-89	B
70-79	C
60-69	D
≤59	F

Special Needs

Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss your concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

Learning Resource Center (Library)

The Library, known as the [Learning Resources Center](#), provides research assistance via the [LRC's catalog \(print books, videos, e-books\)](#) and [databases \(journal and magazine articles\)](#). [Research guides](#) covering specific subject areas, [tutorials](#), and the ["Ask a Librarian"](#) service provide additional help.

Student E-mail

Please access your [Odessa College Student E-mail](http://www.odessa.edu/gmail/), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

Student Portal

Please access your [Odessa College Student E-mail](http://www.odessa.edu/gmail/), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

Technical Support

For Blackboard username and password help and for help accessing your online course availability and student email account contact the Student Success Center at 432-335-6878 or online at https://www.odessa.edu/dept/ssc/helpdesk_form.htm.

Important School Policies

For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or student's and instructors' right to academic freedom can be found in the [Odessa College Student Handbook](#).