

# Course Syllabus

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**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.2402.2, 2402.3  
**Start Date** : 08/22/2011  
**End Date** : 12/05/2011  
**Modality** : Web Enhanced  
**Credits** : 4

## Instructor Information

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

## Course Description

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

## Prerequisites/Co requisites

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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

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1, 6, 9

## **Course Objectives**

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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 lecture examinations and a final examination will be given. The average of these exams will be approximately 60% of the total Anatomy and Physiology II grade.

Each Chapter covered will have multiple 15 question quizzes associated with the chapter. The quizzes will be graded as pass/fail and are required by all students to complete. Quizzes will have a 10 minute time limit and exceeding the time limit can result in loss of points from a student's lecture exam if any question from that quiz appears on the lecture exam. **DO NOT EXCEED THE TIME LIMITS ON QUIZZES**. Each chapter quiz may be taken twice if desired. There will be no makeup for quizzes, NO EXCEPTIONS. Each quiz has 'negative feedback' embedded that gives the page number where the correct answer may be found should a student submit an incorrect answer. The successful student will research the correct answer for questions before attempting a quiz for the second time. Quizzes will account for 10% of student's overall grade.

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. 9, 2011**.

**Synapse Lab:** A one hour synapse lab tutoring requirement is mandatory for any student scoring below 70% on any lecture exam. The synapse hour will focus on select readings and assignments from the *VISUAL ANATOMY* textbook to help students prepare and improve for the next lecture exam. This mandatory hour does not apply for Lab exam failures. Failure to complete this requirement will result in an 'I' or 'F' grade at the discretion of the Department Chair.

**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 9, 2011.
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.

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## **Required Readings/Materials**

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

*Human Anatomy & Physiology*, 8<sup>th</sup> ed., by Elaine N. Marieb

*Human Anatomy & Physiology Laboratory Manual*, 8<sup>th</sup> ed., by Elaine N. Marieb

## **Course Requirements (Lectures, Assignments and Assessments)**

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Lecture, Tegrity viewing, Exams, Quizzes, Class Participation



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**\*LECTURE and EXAMS SUBJECT to CHANGE\***

<b>Aug</b>	22	Introduction To Class	
	24	Ch. 16: Endocrine System	
	26	Ch. 16Continued	
	29	Ch. 16Continued	
	31	Ch. 16Continued	
<b>Sept</b>	2	Ch. 16Continued	
	7	Ch. 17: Blood	
	9	Ch. 17: Continued	
	12	Ch. 17: Continued	
	14	Ch. 17: Continued	
	16	Ch. 18 Heart	
	<b>18</b>	<b>Exam1 (Ch. 16,17)</b>	
	21	Ch. 18. Continued	
	23	Ch. 18. Continued	
	<b>26</b>	<b>Chapter 20 Lymphatics</b>	
	28	Ch. 20: Continued	
	30	Ch. 20:Continued;	
	<b>Oct</b>	3	Ch. 20: Respiratory System
5		Ch. 21: Immune system	
<b>7</b>		<b>Exam2 (Ch. 18 ? 20)</b>	
10		Ch. 21 Continued	
12		Ch. 21 Continued	
14		Ch. 21 Continued	
17		Ch. 22: The Respiratory System	
19		Ch. 22: Continued	
21		Ch. 22: Continued	
<b>24</b>		<b>Exam 3 (Ch. 21,22);</b>	
26		Ch. 23: The Digestive System	
28		Ch. 23: Continued	
31		Ch. 23: Continued	
<b>Nov</b>		2	Ch. 23: Continued
		4	Ch. 23: Continued
	7	Ch 24: Nutrition and Metabolism	
	9	Ch. 24: Continued	
	11	Ch. 25: Urinary System	
	14	Ch. 25: Continued	
	16	Ch. 25: Continued	
	18	Ch. 26: Fluid Balance	
	21	Ch. 27: Reproductive System	
	<b>23</b>	<b>Thanksgiving Holiday (Yummy!)</b>	
	<b>26</b>	<b>Thanksgiving Holiday (Yummy!)</b>	
28	Ch. 27: Continued		

**Dec**

**30 Exam4 (Ch. 23,25,26, 27)**

**2 Comprehensive Make up (Ch. 16 - 28)**

**7 Comprehensive Final Exam (Includes Ch. 29) 8:00 am – 10:30 am**  
**8:00 am - 10:30am Bring 2 green scantrons**

***Assignment Due Dates:***

Our typical workweek will begin each Tuesday and end on the following Monday. Assignments for the week are due each Monday at **7am**. For Example: Week 1 officially begins on Tuesday, Aug. 23 and ends on Monday, Aug. 29; therefore, all assignments from Week 1 are due before 7am Monday, Aug. 29.

## **Grading Policy**

## **Make-up Exams:**

There will be no make-ups for lecture exams during the semester without prior arrangements. A comprehensive make-up lecture exam will be given during finals week for students that missed an exam and contacted the instructor before the next class period.





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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:

<b>Percentage %</b>	<b>Grade</b>
90-100	A
80-89.9	B
70-79.9	C
60-69.9	D
<59.9	F





## **Special Needs**



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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)**

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The Library, known as the [Learning Resources Center](#), provides research assistance via the [LRC's catalogue \(print books, videos, e-books\)](#) 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**

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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**



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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:  
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## **Technical Support**

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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](https://www.odessa.edu/dept/ssc/helpdesk_form.htm).



## **Important School Policies**

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