

BIOL 2402
Anatomy and Physiology II
Summer 2011

Course Duration	August 22 – December 8, 2011
Modality	Web enhanced
Credits	4 sch
Instructor	Dr. James Morris
Office	WH 102A
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Course Goals: Anatomy and Physiology II is the second semester of a two-semester course. The student will learn the structures and functions of seven of the eleven organ systems, as well as how each interacts with the others. The laboratory portion of this course will provide the student with hands-on learning experiences to reinforce the information obtained in the lecture portion.

Prerequisites: A minimum grade of “C” in BIOL 2401.

SCANS: 1, 6, 9

Required Books:

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

Lab Manual: *Human Anatomy & Physiology Laboratory Manual*, 9th ed., by Elaine N. Marieb

Grading and evaluation:

Lecture Exams	(400 pts)
Final Exam:	(150 pts)
Laboratory	(400 pts)

Lecture grades will be approximately 70% of the course grade and Laboratory grades will be approximately 30% of the course grade. Grades will be based on a percentile scale.

A = 90 – 100%, B = 80 – 89%, C = 70 – 79%, D = 60 – 69%, F = Below 60%

All Grades will be rounded to the nearest whole number. Lab grades will be combined with lecture grades for the final reported class grade. The student is responsible for keeping their own grades. Attendance is required in all lecture and lab periods. A tardy will be recorded as an absence. Three or more absences may result in a lower grade.

Make-ups: If a family crisis, severe illness or other emergency causes you to miss an exam, it is **your** responsibility to make arrangements for a make-up exam to be taken before the next class meeting following the exam. If it is known prior to a lab practical that it will be missed, arrangements should be made to take the practical during another lab. Prior permission of all involved instructors must be obtained. Lab practicals must be taken during one of the regularly scheduled lab periods. NO EXCEPTIONS.

Statement of Special Accommodations: 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 335-6861 to request assistance and accommodations.

Plagiarism: Any work submitted for a grade that is not the individual student's original work will be subject to a grade of zero and/or dismissal from the course with a grade of 'F' as determined by the instructor.

Tutor Lab Requirement: Students are required to spend at least one hour per week in the tutor lab which is called the Synapse Lab if they make a grade below a 70 on a lecture exam. This will be required until they score above a 70 on an exam. Student I.D. is required for participation in the Synapse.

Conduct: Cell phones and pagers should be turned off during class. If circumstances require you to leave your communication devices turned on, put them on vibrate. These devices should not interrupt the class.

Interaction and discussion is encouraged. However, discussion should be courteous and not conducted when the instructor or fellow students are talking. Disruptions of any kind may result in removal from the classroom.

Cheating and plagiarism **will not be tolerated**. If the instructor feels that a student is either cheating or plagiarizing at any time, the student will immediately received a grade of "zero" for that assignment. Repeat offenses will result in removal from the course with a grade of "F".

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

Course Requirements:

Lecture, Tegrity viewing, Lab required, Exams

Tentative Lecture Schedule

<u>Week</u> <u>of</u>		<u>Topic</u>
Aug	22	Intro to class; Ch. 16 The Endocrine System
	29	Ch. 16: Cont, Ch. 17 Blood
Sept	5	Ch. 17: Blood Cont.
	12	Exam 1 (16-17), Ch. 18 Heart
	19	Ch. 18 Cont., Ch. 19 Blood Vessels
	26	Ch. 20 Lymphatic System

Oct	3	Ch. 21 Immune System
	10	Exam 2 (18-21) , Ch. 22 Respiratory System
	17	Ch. 22 Respiratory System Continued
	24	Ch. 23 Digestive System
	31	Exam 3 (22-23) , Ch. 24 Nutrition, Metabolism
Nov	7	Ch. 25 Urinary System
	14	Ch. 26 Acid-Base
	21	Ch. 27 Reproductive System Thanksgiving Holiday
	28	Exam 4 (24-27) , Ch. 27 Reproductive System
Dec	5	Final Exams

Tentative Lab Schedule

Date: (week)	Topic
Aug 22	1 Endocrine System - Ex. 27
29	2 Blood - Ex. 29A, Endocrine - 28B (PhysioEx)
Sept 5	3 Practical Exam 1
12	4 Heart - Ex. 30
19	5 Blood Vessels - Ex. 32, Blood Pressure - Ex. 33A
26	6 Cardiac Conduction & ECG - Ex. 31, Heart Sounds - Ex. 33A
Oct 3	7 Practical Exam 2
10	8 Lymphatic System - Ex. 35; Respiratory Anatomy - Ex. 36
17	9 Digestive Anatomy - Ex. 38
24	10 Digestive and Respiratory Physiology (PhysioEx)
31	11 Practical Exam 3
Nov 7	12 Urinary System A&P - Ex. 40, 41A, 41B (PhysioEx)
14	13 Reproductive Systems - Ex. 42; Meiosis - Ex. 43
21	14 Thanksgiving Holiday
28	15 Practical Exam 4

**Please note that this schedule is subject to change at any time.

Learning Resource Center (Library): The Library, known as the Learning Resource Center, provides research assistance via the LRC's catalog (print books, videos, e-books) and data bases (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, 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, 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 you 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 instructor's right to academic freedom can be found in the Odessa College Student Handbook.