Anatomy 1 – FALL 2012

Los Angeles Mission College
Instructor: Dr. Ali Ebneshahidi
Lecture Hours: TTH 5:15-6:40 PM (CMS 005)
Laboratory Hours: T 6:50-10:00 PM (CMS 102) / TH 6:50-10:00 PM (CMS 102)
Office Hours: TTH 4:00-5:10 PM
E-mail: ebnesha@lamission.edu
Web Address: www.lamission.edu/

Anatomy 1 is an intensive lecture and laboratory course, which includes the study of cells, tissues, and organs of the human body. The lectures correspond closely with the laboratory experience providing the student various modalities to learn about the many organ systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive. Use of the microscope and dissection of a cat are highlights of this fascinating course.

Student Learning Outcome: *Anatomy 1 students will identify and name different structures of the human body by naming them on visual presentations.*

Prerequisite: college-level biology with laboratory (i.e. Biology 3, 6, or 7 or equivalent)
Recommended: college-level reading, writing, and study skills

Last day to drop without a "W" - 9/07/12 (in Person) or 9/9/12 (internet), Last day to drop with a "W" - 11/16/12 (in Person) or 11/18/12 (internet).

Course Objectives

(1) To learn the language and fundamental concepts of basic human anatomy in order to be successful in future academic and/or professional endeavors.

(2) To work as a member of a laboratory team, taking responsibility for one's own success, but learning to adapt, share, and learn with others during laboratory meetings.

Books

Required: Human Anatomy and Physiology, Elaine N. Marieb (9th Edition)
Human Anatomy and Physiology Lab Manual (Cat Version), Marieb (10th Edition)
Suggested: a medical dictionary

Evaluation and Grading

Quizzes (8 X 10 = 80)

A total of 8 quizzes will be administered during the semester. Each quiz will start at the beginning of class and will take approximately ten minutes. Quizzes will emphasize all reading assignments and material covered in previous class meetings. The quizzes are intended to stress the importance of reading the assigned material in the text before coming into the lecture and staying up with the material as the semester progresses. Each quiz will be worth 10 points. ***Quizzes cannot be made up.***

(2) Laboratory Review Sheets and Lab Participation (15 X 8 = 120points)

Students are required to complete the Review sheets (RS pages) in the Lab Manual for all laboratory exercises. Review sheet(s) must be returned at the beginning of the next laboratory meeting that is scheduled. The Review sheet(s) for each week will be worth 8 points. ***Do not underestimate the value of these points!*** **Every semester some students lose a whole grade because of absence, tardies, failure to participate, or failure to hand-in review sheets complete and on-time.** The number of review sheets may change due to circumstances that may arise during the semester but the total points still remains the same.

(3) Objective Midterm Exams (3 X 100 = 300 points)

There will be 3 objective midterm exams scheduled on 9/18/12, 10/16/12, and11/08/12. ***No make-up midterms will be given.*** A student who has an excused absence from one midterm only will have the percentage earned on the next examination counted for that missed score.

(4) Lab Practical Midterm Exams (2 X 50 = 100 points)

There will be 2 lab practical exams scheduled during Week 6 and Week 11. The practical exam will involve the "hands-on" identification and understanding of material presented in the laboratory exercises. ***No make up midterm practical exam will be given.***

(5) Final Lab Practical Exam (50 points)

The Final Lab Practical Exam is on Tuesday, 12/11/12. It will cover all material from all laboratory exercises throughout the semester but mostly focus on the last 1/3 of materials covered. ***No make-up Final Lab Practical Exam will be given.*** Students should plan their schedule accordingly.

(6) Final Objective Exam (120 points)

The Final Objective Exam is on Thursday, 12/13/12. It will include all material covered in the course, but mostly focus on the last 1/3 of the materials. ***No make-up Final Exam will be given.*** Students should plan their schedule accordingly.

Evaluation	**Number**	**X**	**Points =**	**Total**
Quizzes	8		10	80
Review Sheets*	15		8	120
Objective Exams	3		100	300
Practical Exams	2		50	100
Final Practical	1		50	50
Final Objective	1		120	120
				770

***** Total number of review sheets may change.

TENTATIVE GRADING SCALE:

Percentage	**Letter Grade**
100 - 90	A
89 - 80	B
79 – 70	C
69 - 60	D
59 - Lower	not passing (F)

Do not fall behind! This is a fast-paced course that covers a lot of material in very few class meetings.

Students with a verified disability who may need authorized accommodation(s) for this class are encouraged to notify the instructor and the Office of Special Services or Disabled Students as soon as possible, at least two weeks before any exam or quiz. All information will remain confidential.

Work together! It is phenomenal what two or more people can learn at a lab table working together compared to one lonely, lost soul trying to find a Portal triad on a liver slide. Come to class prepared to help one another.

Ask questions! There is no such thing as a stupid question. The chances are that if you don't know what is going on, 80% of the class is sitting there as ignorant as you, waiting for someone to ask. We have all been there before. So speak up!

Read the assigned text before the lecture! Anatomy is a subject that is learned by repetition, repetition, repetition..... Reading and becoming familiar with the topic and the vocabulary will allow the lectures to help make "sense" of the text book and start you on the process of sinking the material into your gray matter!

Anatomy 1 - Fall 2012*
Instructor: Dr. Ali Ebneshahidi

Date	**Lecture/*Laboratory***	**Reading/*Lab Exercise***	**Quizzes**
Week 1	*The Language of Anatomy*		
	Organ Systems Overview	*Exercise 1,2 Rat Dissection*	
T 8/28	Intro to Course; Anatomical Terminology	1: 1-08; 11-20	
TH 8/30	Study of Tissues – Histology I	4: all	
Week 2	*Classification of Tissues*	*Exercise 6*	
T 9/04	Study of Tissues - Histology II	4: all	**Quiz #1**
TH 9/06	Integumentary System	5: all	
Week 3	*Integumentary System/Membranes*		
	Bone Classification: Overview	*Exercises 7, 8 &9*	
T 9/11	Skeletal Tissues	6: all	**Quiz #2**
TH 9/13	The Axial Skeleton I	7: Part 1 (199-226)	
Week 4	*Axial Skeleton*	*Exercise 10*	
	Fetal Skeleton	*Exercise 12*	
	(ADAM – Examine the Cranium in 3-D)		
T 9/18	**OBJECTIVE MIDTERM EXAM #1**	Chapters 1,4,5,6,7	
TH 9/20	The Axial Skeleton II	7: Part 1 – Axial Skeleton (199-226)	
Week 5	*Appendicular Skeleton*	*Exercises 11*	
	Articulations and Body Movement	*Exercise 13*	
T 9/25	The Appendicular Skeleton	7:Part II (227-245) **Quiz #3**	
TH 9/27	Joints	8: all	
Week 6	***LAB PRACTICAL EXAM #1***	*Exercises 1,2, and 6 – 13*	
T 10/02	Study of Muscle Tissue – Myology	9: 277-284	**Quiz #4**
TH 10/04	The Muscular System I (Learn ADAM)	10: 319-343	
Week 7	*Gross Anatomy of Muscular System*	*Exercise 15*	
	Dissection #1 - Cat Muscles	*pp. 697-712*	
T 10/09	The Muscular System II	10: 346-361	**Quiz #5**
TH 10/11	The Muscular System III	10: 363-381	
Week 8	*Gross Anatomy of Muscular System II*	*Exercise 15 (cont'd)*	
	Dissection #1 - Cat Muscles (cont'd)	*pp. 697-712*	
	Histology of Nervous Tissue	*Exercise 17*	
T 10/16	**OBJECTIVE MIDTERM EXAM #2**	Chapters 7,8,9,10	
TH 10/18	Nervous Tissue & CNS	11: 386-395; 12:428-443	
Week 9	*Histology of Nervous Tissue (cont'd)*	*Exercise 17*	
	Anatomy - Brain & Cranial Nerves	*Exercise 19,21*	
	Dissection #2 - Cat Brachial Plexus (Demo)		
T 10/23	The Brain	12: 443-464	
TH 10/25	Spinal Cord & PNS	12:464-477; 13:501-511	

Date	**Lecture/*Laboratory***	**Reading/*Lab Exercise***	**Quizzes**
Week 10	*Special Senses: Vision (Dissection#3,4)*	*Ex. 24 pp.364-370 only*	
	Special Senses: Hearing & Equilibrium	*Ex. 25 pp.384-87 only*	**Quiz #6**
	Anatomy of the Heart (Dissection#5)	*Exercise 30*	
T 10/30	General & Special Senses	13:483-487;15:(eye 544-553),(ear 565-575)	
TH 11/01	The Autonomic Nervous System	14: 524-533	
Week 11	***LAB PRACTICAL EXAM #2***	*Exs. 15,17,19,24,25*	
T 11/06	Heart, Blood vessels & Blood	18:658-671;19:692-701;721-744;17:631-645	
TH 11/08	**OBJECTIVE MIDTERM EXAM #3**	Chps. 11,12,13,14,16,18,19,20	
Week 12	*Anatomy of Blood Vessels*	*Exercise 32*	
	Anatomy of Respiratory System (Dissection#6)	*Exercise 36*	
	Anatomy of Digestive System (Dissection#7)	*Exercise 38*	
T 11/13	Respiratory System	22:801-816	**Quiz #7**
TH 11/15	Digestive System	23:849-869;874-883;887-892	
Week 13			
T 11/20	Digestive System	890-895	
TH 11/22	Thanksgiving Holiday		
Week 14	*Anatomy of urinary Systems*	*Exercise 40*	
	Dissection #8 - Cat urinary		
T 11/27	Urinary System	25: 954-963	
TH 11/29	Reproductive system	27: 1018-1026	**Quiz #8**
Week 15	*Dissection#9- Cat Reproductive*	*Exercise 42*	
T 12/04	Reproductive System	27: 1035-1043	
TH 12/06	Review		
Week 16			
T 12/11	**FINAL PRACTICAL EXAMINATION**		
TH 12/13	**FINAL OBJECTIVE EXAMINATION**	**5:30 – 7:30 pm**	

***Tentative**

Code of Honor and Integrity
Los Angeles Mission College
Department of Life Sciences

Students at Los Angeles Mission College, because they are members of an academic community dedicated to the achievement of excellence and the pursuit of honor, are expected to meet high standards of personal, ethical, and moral conduct. These standards require personal integrity and a commitment to honesty without compromise. Without the ability to trust in these principles, an academic community and a civil society cannot exist. Los Angeles Mission College students and faculty are as committed to the development of students with honesty and integrity as they are to the academic and professional success of its students.

The **Code of Honor and Integrity** is an undertaking of the students, first and foremost, both individually and collectively, that they will:

1. not give or receive dishonorable aid during exams, quizzes or assignments

2. do their share and take an active part in seeing to it that fellow students, as well as themselves, uphold the spirit and letter of the Code of Honor and Integrity.

Some examples of conduct that are regarded as being in violation of the Honor Code include:

- Copying from another's examination or quiz, or allowing another to copy from one's own papers
- Using any unpermitted source of information, human or other, during an exam, quiz or assignment that influences the grade; this includes the use of technological devices
- Any student-to-student collaboration that is unpermitted
- Plagiarism (plagiarism is defined as the use, without giving reasonable and appropriate credit to, or acknowledging the author or source, of another person's original work)
- Representing as one's own work as the work of another
- Giving or receiving aid on an academic assignment under circumstances in which a reasonable person should have known that such aid is not permitted

As a part of the effort to promote an environment of honesty and integrity during quizzes and examinations, the following guidelines will apply for any courses in the Department of Life Sciences:

1. Students will leave all books and all other non-essential items (e.g. paper, electronic devices) on the floor so that they are not useable nor block the sight line between professor and student. No electronic devices will be in reach.

2. Students will not communicate in any way that will dishonorably assist themselves or another student.

3. Students will leave the room during an exam only if permitted by the professor's policy. If permitted, only one student may leave the room at any time and be gone for only the average length of time needed for the stated purpose. Students will leave all purses, bags, books, phones, jackets, etc., in the classroom during the absence.

4. Students will promote the spirit and letter of the **Code of Honesty and Integrity** by dissuading fellow students from dishonest activity and, when such casual persuasion does not work, informing the professor of the possible dishonest activity, either anonymously, or otherwise.

5. Students will make every effort to avoid even the appearance of dishonesty or lack of integrityViolation of this policy will not be tolerated and violators will be subject to severe penalties. The success of the **Code of Honor and Integrity** is based upon the collective desire of students, faculty and the community to live in an environment that embraces respect for that which is right – both in the college and in society as a whole.