#### Anatomy 1 – FALL 2013

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 4:10-5:10 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. <u>Use of the microscope</u> and <u>dissection of a cat</u> 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" - 9/08/13 (internet), Last day to drop with a "W" - 11/17/13 (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 (9th Edition), Marieb

Human Anatomy Lab Manual (Integrate: The Pearson custom library for anatomy & physiology

Anatomy I Los Angeles Mission College). Anatomy Lecture Notes Online, Ebneshahidi

## **Evaluation and Grading**

**Quizzes**  $(8 \times 10 = 80)$ 

A total of  $\underline{8}$  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 <u>before</u> coming into the lecture and staying up with the material as the semester progresses. Each quiz will be worth  $\underline{10}$  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 <u>beginning of the next laboratory meeting</u> that is scheduled. The Review sheet(s) for each week will be worth <u>8 points</u>. <u>Do not underestimate the value of these points!</u> 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 $\times$ 100 = 300 points)

There will be 3 objective midterm exams scheduled on 9/17/13, 10/15/13, and11/07/13. **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) <u>Final Lab Practical Exam</u> (50 points)

The Final Lab Practical Exam is on Tuesday, 12/10/13. 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, 12/12/13. 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.

<b>Evaluation</b>	Number X	Points =	<b>Total</b>
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
ū			<del>77</del> 0

<sup>\*</sup> Total number of review sheets may change.

### TENTATIVE GRADING SCALE:

<b>Percentage</b>	Letter Grade
100 - 90	A
89 - 80	В
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.

<u>Work together!</u> 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.

<u>Ask questions!</u> 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 2013\* Instructor: Dr. Ali Ebneshahidi

<u>Date</u>	Lecture/Laboratory	Reading/Lab Exercise	Quizzes
Week 1 T 8/27 TH 8/29	The Language of Anatomy Organ Systems Overview – Rat Dissection Intro to Course; Anatomical Terminology Study of Tissues – Histology I	Exercise 1, 2 1: 1-08; 11-20 4: all	
Week 2 T 9/03 TH 9/05	Classification of Tissues Study of Tissues - Histology II Integumentary System	Exercise 4 4: all 5: all	<u>Quiz #1</u>
Week 3 T 9/10 TH 9/12	Integumentary System/Membranes Bone Classification: Overview Skeletal Tissues The Axial Skeleton I	Exercises 5, 6 6: all 7: Part 1 (199-226)	<u>Quiz #2</u>
Week 4 T 9/17 TH 9/19	Axial Skeleton  OBJECTIVE MIDTERM EXAM #1  The Axial Skeleton II	Exercise 7 Chapters 1, 4,5,6,7 (part1 7: Part 1 – Axial Skeletor	
Week 5 T 9/24 TH 9/26	Appendicular Skeleton Articulations and Body Movement The Appendicular Skeleton Joints	Exercises 8 Exercise 9 7: Part II (227-245) 8: all	<u>Ouiz #3</u>
Week 6 T 10/01 TH 10/03	LAB PRACTICAL EXAM #1 Study of Muscle Tissue – Myology The Muscular System I	Exercises 1-7 9: 277-284 10: 319-343	<u>Quiz #4</u>
Week 7 T 10/08 TH10/10	Micro & Gross Anatomy of Muscular System Dissection - Cat Muscles The Muscular System II The Muscular System III	Exercise 10, 11 Exercise 25 10: 346-361 10: 363-381	<u>Quiz #5</u>
Week 8  T 10/15 TH 10/17	Gross Anatomy of Muscular System II Dissection - Cat Muscles (cont'd) Histology of Nervous Tissue OBJECTIVE MIDTERM EXAM #2 Nervous Tissue & CNS	Exercise 11 (cont'd) Exercise 25 (cont'd) Exercise 12 Chapters 7, 8,9,10 11: 386-395; 12:428-443	
Week 9  T 10/22	Histology of Nervous Tissue (cont'd) Anatomy - Brain & Cranial Nerves Spinal cord and spinal nerves Dissection - Cat Brachial Plexus The Brain	Exercise 12 Exercise 13 Exercise 14 Exercise 26 12: 443-464	
TH 10/24	Spinal Cord & PNS	12:464-477; 13:501-511	

<u>Date</u>	Lecture/Laboratory	Reading/Lab Exercise	<u>Quizzes</u>
Week 10 T 10/29	Special Senses: Vision – Dissection - Eye Special Senses: Hearing & Equilibrium Anatomy of the Heart – Dissection - Heart General & Special Senses	Ex. 15 pp.261-267 Ex. 16 pp.281-285 Exercise 19 13:483-487; 15:(eye 544-	<u>Ouiz #6</u> 553) (ear 565-575)
TH 10/31	The Autonomic Nervous System	14: 524-533	200,,(0.11.000.07.07)
Week 11 T 11/05 TH 11/07	LAB PRACTICAL EXAM #2 Heart, Blood vessels & Blood OBJECTIVE MIDTERM EXAM #3	Exs. 8-15 18:658-671;19:692-701;7 Chps. 11, 12,13,14,16,18	
Week 12	Anatomy of Blood Vessels - Cat Dissection Anatomy of Respiratory System - Cat Dissection Anatomy of Digestive System - Cat Dissection	Exercise 20, 28 Exercise 21, 30 Exercise 22, 31	
T 11/12 TH 11/14	Respiratory System Digestive System	22:801-816 23:849-869; 874-883; 88'	<b>Quiz #7</b> 7-892
Week 13 T 11/19 TH 11/21	Anatomy of Digestive System (cont'd) Anatomy of urinary System – Dissection – Kidney Digestive System Urinary System	Exercise 22, 31 Exercise 23 890-895 25: 954-963	
Week 14 T 11/26 TH 11/28	Anatomy of urinary Systems Urinary System – Cat Dissection Urinary System Thanksgiving	Exercise 23 Exercise 32 25: 954-963 27: 1018-1026	<u>Quiz #8</u>
Week 15 T 12/03 TH 12/05	Anatomy of reproductive System Reproductive System - Cat Dissection Reproductive System - Male Reproductive System - Female	Exercise 24 Exercise 33 27: 1018-1026 27: 1035-1043	
Week 16 T 12/10 TH 12/12	FINAL PRACTICAL EXAMINATION 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
- <u>Plagiarism</u> (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 integrity Violation 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.

#### SPECIAL ACCOMMODATIONS

If you require special accommodations for a disability, religious holiday, or any other reason please inform your instructor(s) within the first week of the course and we will accommodate you if at all possible. For accommodations due to disability, you must consult with the Disabled Students Programs and Services Office after which we will abide by their recommendations.

#### COLLEGE RESOURCES FOR LAMC STUDENTS

**Admissions and Records:** Students can register for classes, request transcripts, file petitions for graduation, and drop classes at this office. For more information call 818-833-3322 or visit: http://www.lamission.edu/admissions/

**Assessment Center:** Offers student assessments in English, English-as-a-Second-Language (ESL) and Mathematics. Please contact the Assessment Center at (818) 364-7613 for more information or visit <a href="http://www.lamission.edu/assessment/">http://www.lamission.edu/assessment/</a>

**Bookstore:** For hours of operation, book availability, buybacks, and other information call 818-364-7767 or 7768 or visit http://eagleslanding.lamission.edu/default.asp

**Counseling Department:** For appointments and information call 818-364-7655 or visit http://www.lamission.edu/counseling/

**Disabled Students Programs and Services (DSP&S):** For appointments, eligibility andinformation call 818-364-7732 or visit http://www.lamission.edu/dsps/

**Extended Opportunity Programs and Services (EOP&S)**: For appointments, eligibility and information call 818-364-7645 or visit <a href="http://www.lamission.edu/eops/">http://www.lamission.edu/eops/</a>

**Library:** For information on hours, resources, workshops, and other services contact 818-364-7106 or visit http://www.lamission.edu/library/

**STEM Office:** For information on free tutoring, resources and academic counseling for STEM (Science, Technology, Engineering, and Technology) students visit: <a href="http://www.lamission.edu/stem">http://www.lamission.edu/stem</a>

**Tutoring Services in Learning Center:** Laboratories for Learning, Writing, Math & Science. Walk-in and appointment services offered. Call 818-364-7754 or visit www.lamission.edu/learningcenter/

### **Three Attempt Limit**

A new state policy in effect as of 2012 limits students to <u>three attempts per course</u>. Receiving a grade or a "W" for a course counts as an attempt, <u>regardless of when the course was taken</u>. Withdrawal by the deadline to avoid a "W" will not count as an attempt.