



Anatomy 1 – Fall 2020

Los Angeles Mission College

Instructor: Dr. Ali Ebnesahidi

Lecture Hours: W 7:00 PM - 9:00 PM, S 11:20 AM - 12:20 PM

Laboratory Hours: S 8:00 AM - 11:10 AM / S 12:40 PM - 3:50 PM

Anatomy lecture will be held via Zoom during regularly scheduled Lecture time from 7:00 PM–9:00 P.M. Lab work can be done asynchronously but Zoom meeting will be held during lab time for assistance. All Quizzes, midterms, and final Lecture and lab exams must be taken during the regularly scheduled time. All lectures will be recorded and available to students afterwards. Please log into Canvas for more information.

Course Information

LAMC – Life Sciences Department

Online Syllabus Anatomy 01- Fall 2020

E-mail: ebnesha@lacc.edu

Preferred E-mail: Canvas mail

Virtual office hours: W 9:00 PM- 10:00 PM, S 3:50 PM – 5:30 PM by via Zoom or Canvas chat

Course Description

Human 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. Students must be willing to commit significant time out of class to study this material.

Prerequisite: Biology 3 or 5, English 28 or ESL 8

Recommended: college-level reading, writing, and study skills

Last day to add with a permission code – 9/13/20

Last day to drop without a "W" 9/13/20 - , Last day to drop with a "W" – 11/22/20

Course Objectives

- (1) To learn the language and fundamental concepts of basic human anatomy.
- (2) To grow as a student of science, by integrating lectures, discussions, laboratories, home-study, and small-group study into a holistic approach to learning.

Student Learning Outcome

- 1) Anatomy 1 students will develop a vocabulary of appropriate terminology to effectively communicate information related to anatomy.
- 2) Anatomy 1 students will apply gross and microscopic anatomy to identify histological preparations and anatomical structures.

Course Structure

This course is conducted 100% online, meaning that all class activities will be entirely online. You will participate in the course using LAMC's learning management system called CANVAS and all class meetings will be held virtually through Zoom during regularly scheduled class time. **Please log into your canvas course and click on the Zoom button in the navigation menu to the left to join our virtual class via Zoom on 9/02/20 at 7:00 PM.**

Required Readings/Text Book

Textbook: Human Anatomy 9th /E Marieb, Wilhelm, and Mallatt. Available at the [LAMC bookstore](#). This text is currently in its 9th edition which is accessible as an e-text with your Mastering Anatomy subscription, required. If you prefer a physical textbook, prior editions are affordable and sufficient for my class.

Lab Manual: To facilitate the remote learning environment, all lab activities and assignments will be coordinated through *Mastering Anatomy* from Pearson Publishing, **required** (There is no printed lab manual). **Mastering Anatomy course ID is: ebnesahidi04763, course name is Human Anatomy and you need to register through Canvas** (<https://www.pearsonmylabandmastering.com/>). Additionally, all students will have *access* (at no cost!) to *The Visible Body Courseware* for lab presentations. Specifics for accessing these resources will be available in Canvas and discussed in our first week of class.

Anatomy lecture notes Online (Canvas), Ebnesahidi.

Required reading materials from Dr. Ebnesahidi's notes are on CANVAS in reading MODULES. The list of all required reading materials is located in weekly MODULES. If you like to read the text book, please refer to the reading chapters at the end of the syllabus.

Computer Requirements

You will need to have an up-to-date browser, operating system and some additional software (Zoom App, PDF scanner) on your computer to take this class.

If you need technical assistance at any time or to report a problem you can contact LAMC's Technical Support Center (IT department [tutorial and login](#) or [Information Technology Office](#)).

Course Communication

Announcements

Announcements will be posted in CANVAS on a regular basis. Please make certain to check them regularly, as they will contain important information about upcoming projects, exams, or class concerns.

E-mail

In this course we will use the CANVAS MAIL feature located in the left hand navigation links to send email for private messages and questions. Please check your messages regularly. Do not submit your assignments by e-mail.

Questions

In online courses it is normal to have many questions about things that relate to the course, such as clarification about assignments, tests, course materials, or assessments. Please kindly use canvas mail or canvas chat (chat is visible to all).

Virtual office hours

I will be available for virtual office hours using ZOOM, and CANVAS CHAT (chat is visible to all).

If you have a concern and send me a message, you can expect a response within 24 hours.

Important dates

I will post reminders prior to the due dates in the ANNOUNCEMENTS.

Course assignments

Each week you will need to study the weekly lesson(s). The list of all required reading materials, quizzes, and exams, is located in weekly MODULES. To access MODULES, log into your canvas course and click on the modules button in **the navigation menu to the left**. Additional information about each project (homework) can be found under the ASSIGNMENTS button in the **course navigation links**.

All information necessary to answer exam questions is online (Canvas). Please make sure to read weekly lessons and take online quizzes and tests on time. Late work will not be accepted. Assignments, quizzes, and exams will not be available after deadline. If you have an extenuating circumstance, please contact me by private message before the assignment is due to make alternate arrangements.

Evaluation and Grading

(1) Quizzes (80 points)

A quiz will be administered on 8 different occasions during the semester (see schedule below). Quiz #1 will be given on Wednesday 9/09/20. Each quiz will take approximately ten minutes and will emphasize material covered during previous class meetings. The quizzes are intended to stress the importance of staying up with the material! There will be a total of 8 quizzes worth 10 points each. **Quizzes cannot be made up!**

(2) Laboratory Assignments and Lab Participation

All assignments will be offered online. This will be done through the *Mastering Anatomy* from Pearson Publishing and takes the place of lab manual exercises. If not completed prior to their due dates these assignments cannot be made up. Assignments and activities will be worth a term total of 150 points (points will vary per unit). **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 submit the Assignments complete and on-time.** Note: You can easily earn all these 150 points and will find them an excellent way to study and test yourself.

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

There will be 3 objective midterm exams. **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. Any student who misses two or more exams will receive a failing grade.

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

There will be 2 midterm laboratory practical exams. The practical exam will involve the identification and understanding of material presented in the laboratory exercises. Students will be asked to identify and write the names of labeled structures.

(5) Final Lab Practical Exam (50 points)

The Final Lab Practical Exam is on Saturday 12/19/20. It will cover all material from all laboratory exercises throughout the semester but mostly focus on the last two weeks of the course. **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 Wednesday 12/16/20 at 8:00 P.M. It will include all material covered in the course but mostly focus on the last four weeks of the course. **No make-up Final Exam will be given.** Students should plan their schedule accordingly.

(7) Extra credit (20 points)

Students will receive 20 points extra credit for timely completion of ALL lecture and lab exams, quizzes, and assignments (Mastering HW).

GRADING SCALE:

<u>Evaluation</u>	<u>Number</u>	<u>X</u>	<u>Points =</u>	<u>Total</u>
Quizzes	8		10	80
Review Sheets	15		10	150
Objective Exams	3		100	300
Practical Exams	2		50	100
Final Practical	1		50	50
Final Objective	1		120	<u>120</u>
			Total	800

Tentative Grading Scale

<u>Percentage</u>	<u>Letter Grade</u>
100 - 90	A
89 - 80	B
79 - 70	C
69 - 60	D
59 - Lower	not passing (F)

Grades

You can view your exam scores using the GRADES button in the **course navigation links**. Please check your grades regularly to make certain that I have received all your assignments. If you have a question about a grade, email me through CANVAS MAIL.

Drop

In order to avoid getting an F for the course, it is your responsibility to officially withdraw from the class prior to the deadline. Refer to academic calendar for dates and deadlines.

Other course policies

Attendance and participation are not optional for an Anatomy course. Unexplained absence from class or failure to meet an assignment may seriously affect the student's academic progress.

Policy on late work: Late work (Assignment, quizzes, and exams) will AUTOMATICALLY receive zero points. Assignments will not be accepted after the due date. No make-up work (homework, exam, quizzes, etc.) will be permitted. Any work submitted after the deadline will NOT receive credit.

Cheating and plagiarism: All forms of cheating are expressly forbidden by law and will not be tolerated. This means that you should not: Cheat, Plagiarize, use another person's words or ideas as your own without proper documentation, or let another student login to your CANVAS account.

Special Needs

If you have a documented disability, please contact the disability resources and educational service office to request special accommodation before classes start.

Comments

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!

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

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Date	Lecture/Laboratory	Reading/Lab Exercise	Quizzes
Week 1			
	<i>The Language of Anatomy</i>		
	<i>Organ Systems Overview – Rat Dissection</i>	<i>Mastering HW 1</i>	
W 9/02	Intro to Course; Anatomical Terminology	1	
Sat 9/05	Study of Tissues – Histology I	4: 64-77	
Week 2			
	<i>Classification of Tissues</i>	<i>Mastering HW 4</i>	
W 9/09	Study of Tissues - Histology II	4: 77-99	Quiz #1
Sat 9/12	Integumentary System	5	
Week 3			
	<i>Integumentary System/Membranes</i>		
	<i>Bone Classification: Overview</i>	<i>Mastering HW 5, 6</i>	
W 9/16	Skeletal Tissues	6	Quiz #2
Sat 9/19	The Axial Skeleton I	7:150-170	
Week 4			
	<i>Axial Skeleton</i>	<i>Mastering HW 7 & Bones Axial Lab</i>	
	<i>Fetal Skeleton</i>		
W 9/23	<u>OBJECTIVE MIDTERM EXAM #1</u>		
Sat 9/26	The Axial Skeleton II	7:170-182	
Week 5			
	<i>Appendicular Skeleton</i>	<i>Mastering HW 8 & Bones Appendicular Lab</i>	
	<i>Articulations and Body Movement</i>	<i>Mastering HW 9</i>	
W 9/30	The Appendicular Skeleton	8	Quiz #3
Sat 10/03	Joints	9	
Week 6			
	<u>LAB PRACTICAL EXAM #1</u>		
W 10/07	Study of Muscle Tissue – Myology	10	Quiz #4
Sat 10/10	The Muscular System I	11:262-298	
Week 7			
	<i>Micro & Gross Anatomy of Muscular System</i>	<i>Mastering HW 10</i>	
	<i>Dissection - Cat Muscles</i>	<i>Video</i>	
W 10/14	The Muscular System II	11:298-316	
Sat 10/17	The Muscular System III	11:316-344	Quiz #5
Week 8			
	<i>Gross Anatomy of Muscular System II</i>	<i>Mastering HW 11</i>	
	<i>Dissection - Cat Muscles (cont'd)</i>	<i>Video</i>	
	<i>Histology of Nervous Tissue</i>	<i>Mastering HW 12</i>	
W 10/21	<u>OBJECTIVE MIDTERM EXAM #2</u>		
Sat 10/24	Nervous Tissue & CNS	12	
Week 9			
	<i>Histology of Nervous Tissue (cont'd)</i>	<i>(cont'd)</i>	
	<i>Anatomy - Brain & Cranial Nerves - Dissection</i>	<i>Mastering HW 13 & Brain Lab- Video</i>	
	<i>Spinal cord and spinal nerves</i>	<i>Mastering HW 14, Mastering HW 15</i>	
	<i>Dissection - Cat spinal cord & nerves</i>	<i>Video</i>	
W 10/28	The Brain	13:374-407	
Sat 10/31	Spinal Cord & PNS	13:407-423; 14:427-462	

Date	Lecture/Laboratory	Reading/Lab Exercise	Quizzes
Week 10			
	<i>Special Senses: Vision – Dissection</i>	<i>Mastering HW 16 - Video</i>	
	<i>Endocrine system</i>	<i>Mastering HW 17</i>	
	<i>Anatomy of the Heart & blood- Dissection</i>	<i>Mastering HW 18, 19 -Video</i>	<u>Quiz #6</u>
W 11/04	General & Special Senses	14:427-432;16:(eye 492-506),(ear 506-515)	
Sat 11/07	The Autonomic Nervous System	15	
	Heart, Blood vessels & Blood	19, 20, 18	
Week 11			
	<u>LAB PRACTICAL EXAM #2</u>		
	<u>OBJECTIVE MIDTERM EXAM #3</u>		
W 11/11	Lymphatic and Immune Systems	21	
Sat 11/14			
Week 12			
	<i>Anatomy of Blood Vessels & Lymp. - Dissection</i>	<i>Mastering HW 20, 21 - Video</i>	
	<i>Anatomy of Respiratory System - Dissection</i>	<i>Mastering HW 22 - Video</i>	
	<i>Anatomy of Digestive System - Dissection</i>	<i>Mastering HW 23 - Video</i>	
W 11/18	Respiratory System	22:646-670	<u>Quiz #7</u>
Sat 11/21	Digestive System	23:67-693	
Week 13			
W 11/25	Digestive System (cont'd)	23: 693-714	
Sat 11/28	Thanksgiving Holiday/Non-Instructional Day		
Week 14			
	<i>Anatomy of urinary System</i>	<i>Mastering HW 24</i>	
	<i>Urinary system - Dissection</i>	<i>Video</i>	
W 12/02	Urinary System	24	
Sat 12/05	Reproductive system	25:743-755	
Week 15			
	<i>Anatomy of Reproductive system</i>	<i>Mastering HW 25</i>	
	<i>Reproductive system - Dissection</i>	<i>Video</i>	
W 12/09	Reproductive System	25: 755-777: 3:46-59	<u>Quiz #8</u>
Sat 12/12	Review		
Week 16			
W 12/16	<u>FINAL OBJECTIVE EXAMINATION</u>	8:00 PM - 10:00 PM	
Sat 12/19	<u>FINAL PRACTICAL EXAMINATION</u>		

***Tentative**

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 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 <http://www.lamission.edu/assessment/>

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 and information 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 <http://www.lamission.edu/eops/>

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: <http://www.lamission.edu/stem>

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

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