

ANATOMY 32 – GENERAL HUMAN ANATOMY **LECTURE AND LABORATORY SYLLABUS**

Course Section Number: Anat-32-1022

Lecture: M/W 5:15 PM-6:16 PM; LS113

Laboratory: M/W 6:20 PM-9:30 PM; LS 113

Instructor: Hassan Elfarissi

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Office Hour: TBA

REQUIRED TEXTS

Lecture Text: Human Anatomy, 5th edition, by Marieb, Mallatt, and Wilhelm, Benjamin Cummings, 2008.

Laboratory Manual: Human Anatomy & Physiology Laboratory Manual (Cat Version) 9th edition, by Marieb and Mitchell, Benjamin Cummings, 2008.

Course Description

Anatomy 32 is an introductory course that emphasizes the study of the Human Anatomy through the use of anatomical models, cat dissection, and dissection of preserved animal (cow and sheep) organs such as the heart, the brain, and the eye. This class will cover all the human organ systems comprising the integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, reproductive, and endocrine systems, as well as the histology that is associated with each. This course is designed to provide a basic understanding of human anatomy structures necessary for students majoring in allied health (nursing, physical therapy, physician's assistant, etc.), the biological sciences, and the pre-professional fields (pre-med, pre-pharmacy). This course is transferrable to both the UC and CSU systems.

Course Objectives

Upon completion of this course, the student will:

1. Have a general understanding of the human anatomy at the cellular, histological, and gross levels.
2. Name and identify on specimens, models, drawings, or from descriptions the major structures associated with the different organ systems of the body.
3. Locate on a dissected cat and other selected specimens structures comparable to those of the human body.
4. Be knowledgeable about and properly apply anatomical terminology.
5. Develop skills in visualizing the three dimensional relationships of the organs and structures of the human body.

Student Learning Outcomes

- 1) Given a set of disarticulated human bones, at least 80% of the students should be able to identify specific bones and their bony markings on a practicum (at least 70% proficiency).
- 2) Given a model, picture, dissected cat or human subject, identify specific muscles, joints, and their origins/insertions on a practicum (80% of students with at least 70% proficiency).

Required Equipment/Supplies

1. Dissection Kit (scissors, probe, forceps, scalpel)
2. Lab coat or apron and goggles or protective eye glasses (recommended)
3. Disposable latex/vinyl gloves
4. Lab goggles
5. Scantrons for exams, 2 packages of # 882 (100 questions)

Grading Policy

5 Lecture Exams: 50 points each	=	250 points
Final Lecture Exam: 100 points	=	100 points
5 Laboratory Practica: 50 points each	=	250 points
Final Lab Practicum: 100 points	=	100 points
5 Quizzes: Top 4 @ 25 points each	=	100 points
Cat Dissection	=	50 points
Attendance	=	25 points
Lab Performance	=	25 points
Total	=	900 points,

Grading Scale

90-100%	=	A
80-89%	=	B
70-79%	=	C
55-69%	=	D
Below 54%	=	F

Examination and Class Policy

- There will be six lecture exams and six laboratory practica exams. No make-ups are allowed; however, you will be allowed to have the lowest score in the lecture exam category be replaced by the final lecture exam weighted score, if it is higher. Missed lab practica CANNOT be made up. You must be present for all lecture and lab exams: If you are absent once without a valid excuse (proof must be submitted), you will automatically lose all attendance points. Excuse from the penalty will be at the discretion of the instructor.
- Final lecture exam and final laboratory practicum are cumulative.
- Five quizzes will be given during the semester, no make-ups are allowed and only the top four scores will count. The quizzes will include materials from both the lectures and the reading assignments. The quizzes will involve any combination of short answers, fill in the blanks, matching, and picture/diagram labeling.
- Cat dissection points will be earned for following lab manual and instructor guidelines and instructions, neatness and work area clean up after each dissection, and participation in the dissection exercises. As dissections involve group work, the entire group is responsible for carrying out a proper and clean dissection and for maintaining the specimen in good condition and complete shape.
- Attendance is mandatory; over four absences during the course could result in exclusion from the class. Three tardies is equivalent to an absence.
- Only persons enrolled in the class are allowed in the lab room at all times. This includes children.

- Cell phones must be turned off or set to ‘silent’ mode during class. No electronic devices are allowed during exams.
- It is your responsibility to drop a class, please check the school schedule for important information about deadlines. Failure to do so may result in a grade of “F”.
- No extra credit assignments will be given as they will place even more hardship on the time you should devote to regular class work.
- Academic dishonesty (cheating and plagiarism) will not be tolerated and will be dealt with according to the El Camino College policy as established in the school catalog.

Open Lab Policy: Optional

Open labs allow you to come to lab and use its resources outside of the scheduled class time. This courtesy is extended to the student to maximize their chances of learning and success in this course; you are therefore expected to abide by all the rules and procedures as during class when the instructor is present. You will need to have a government or college-issued ID in order to use the lab and check out models. Times of availability will be announced and posted as they become available.

If you need additional lab time, you might want to ask permission from other instructors in order to use the lab room during their lab sessions (if space and other considerations allow). Remember, this is entirely at the discretion of the other instructors and it will be up to them to accommodate you. If you have permission, you will need to be the least disruptive that you can be and cooperate fully with the other instructor.

General Class Information

This class is a very demanding class. In addition to time spent in lecture and in the lab during class, you will need to spend an average of two hours a day studying the materials from both the lecture and the lab. There are plenty of resources that are available to you to help you accomplish this. Some of these resources include:

Library: Learning Resource center has some of the models we study.

Taped lectures- bring in blank tapes and they will record lectures prepared by a retired prof.

Internet and Computer: Instructor Website- access class lecture notes, professor contact info, ECC main homepage.

Custom website by publisher- this website has practice quizzes and many study tools. This site can be found at: www.coursecompass.com

Anatomy 360 CD- view the body from every angle- great study tool for visual learners.

Study Partner CD-Rom includes learning activities for each chapter and more.

Book: Human Anatomy Coloring Workbook by The Princeton Review.

Students with Disability

Students with disabilities, including learning disabilities, who believe they may need accommodations in this class are encouraged to contact the Special Resource Center on campus as soon as possible to better ensure such accommodations are implemented in a timely fashion. If you suspect, or are unsure if, you have a learning disability you are strongly encouraged to contact the Special Resource Center on campus as soon as possible for testing, to better ensure any needed accommodations are implemented in a timely fashion. If you have a documented or suspected disability and wish to discuss academic accommodations, please contact me privately to discuss your specific needs.

