

Biology 221/221L - Human Anatomy

Syllabus for Fall 2009

INSTRUCTOR	Scott C. Pedersen, BA, MA, PhD Office Hours: AgH 329, Posted & by Appointment TEL 605-688-5529, Scott.Pedersen@sdsu.edu
COORDINATOR	Andy Ellis, BS, MS Office Hours: AgH 335, Posted & by Appointment TEL 605-688-5586, Andrew.Ellis@sdsu.edu
Prerequisites	Biol 151-153 is strongly recommended
Lecture	Rotunda D: 11-12 am, MWF
Laboratory	Agriculture Hall 343, 15 Sections @ 24 students each
Textbook	(<i>Required</i>) Human Anatomy, 6ed.; <i>Martini, Timmons & Tallitsch</i>
Lab Manual	(<i>Required</i>) Must be purchased at the SDSU Bookstore
Web Page	http://biomicro.sdsu.edu/pederses/Anatomy.html

ATTENDANCE & EFFORT—Students are required to attend the 3 one-hour Lectures, & 1 three-hour Laboratory each week. **Attend each Lecture** - Some Lecture material will not be found in your textbook. **Attend each Laboratory session.** Additional Lecture material will be presented in the Lab. Lab material will appear during your Lecture exams, & visa-versa. You can expect to spend a minimum of 6-8 hours per week studying for this course in order to receive a passing grade.

READING—Our text utilizes a systemic approach to the study of the human body. This method is appropriate at this level for students considering careers in the Health Sciences. Whereas each chapter deals with separate organ systems, it will be very important to keep in mind the interaction among systems as the course progresses. We will be covering a great deal of material in this class & the amount of terminology has been equated with learning a foreign language! Keep up with your reading assignments. We will not have time to cover the entirety of your reading assignments in the time allotted for Lecture—Not all material covered in Lecture will be found in the text, nor will all topics in the text be covered in Lecture. It is virtually impossible to predict exactly what will be covered on a given day. Look at figures & tables & read through the assigned chapters before class, without trying to fully digest the material. Then, after Lecture, go back to the text & re-read sections that were emphasized & "flesh-out" your notes. Occasionally, I make *mistakes (oops)* mistakes in Lecture. If in doubt, refer to your textbook for the proper terminology & spelling.

LECTURE EXAMS—Exam dates are indicated in the Course schedule. Exam dates may be changed if circumstances (University closure due to inclement weather) so dictate - the Exam will be held on the next regularly scheduled class meeting. Exams are not comprehensive, however, you will be expected to integrate previous material into each subsequent Exam. There will be 3 lecture Exams & a non-comprehensive Final Exam. .

MAKE-UP LECTURE EXAMS—Make-up Exams are granted, but only under extreme circumstances. This opportunity is **ONLY** available if you (a) have the absence excused by the Instructor **72 HOURS PRIOR** to the Exam, and/or (b) you submit a detailed letter after the exam with supporting evidence (**Physician's letter, Newspaper clippings, Police reports, Obituaries, Repair bills**) as to why the Exam was missed. Only one Exam can be made-up in this manner. If the missed Exam is not made-up, you will receive a score of 0 (zero) for that Exam.

LABORATORY—Attendance is mandatory. Refer to the schedule for Lab exercises that will be performed. In addition to the cadavers, we will also make extensive use of models & charts. Refer to the relevant sections of the Lecture text to prepare for each Lab so that you can work efficiently & be prepared for your Quizzes. Some Lab periods may include presentations of new material not covered in the Lecture. **BRING YOUR TEXTBOOK TO LAB!**

LABORATORY EXAMS—Lab Quizzes (20 pts each) will cover material from Lectures, reading assignments, Lab manual objectives, & Lab kick-off presentations. Quizzes will be of mixed format, i.e., may include multiple choice, matching, completion, essay, etc., at the discretion of your Lab Instructor. Quizzes may be given at any time, unannounced or otherwise, at the beginning, during, or end of any Lab period. In order to be prepared for Quizzes, you should review your notes & keep up with the assigned reading! Three Practical Exams will be given (100 pts each) where you will be asked to identify labeled structures indicated on the cadavers, models, & charts stationed throughout the Lab. Practical exams are on a first-come first-serve sign-up basis – Sign-up sheets will be posted outside of the Lab door the week before the exam. The 3 Practical exams & your 5 best Quizzes (out of 7) sum to a total of 400 points possible in the Lab (50% of course grade). **MAKE-UP PRACTICALS GIVEN ONLY AT THE DISCRETION OF THE LAB COORDINATOR!**

GRADING —Your Lecture grade will be based upon these 4 Lecture Exams (total of 400 pts), while the Laboratory portion of this class contributes an additional 400 pts. Your final grade will therefore be based upon a total of 800 pts: **100-90 = A, 89-80 = B, 79-70 = C, 69-60 = D, 60-0 = F**

CHALLENGING A GRADE—Questions regarding Lecture and Practical exams are to be guided to Lab Coordinator, & questions regarding lab quizzes can be answered by your Lab Instructor. Please make all inquiries regarding the accuracy of your grades **within one week** of the grade being posted. Appeals must be supported by published evidence (i.e., text, atlas). **No changes to your score will be made after this ONE week period!**

INCOMPLETE GRADES—Incomplete grades will be given only for reasons approved by the Dean of Students office. Procedures & policies regarding the issuance of a grade of Incomplete, Pass/No Pass, & Drop options are discussed in the SDSU Course Schedule.

CODE OF CONDUCT—Cheating in any form will not be tolerated. Students will act in a respectful & professional manner with regard to the treatment of human remains (cadavers & skeletal material) in the Anatomy Lab. Any breach of respectful conduct or defacement of SDSU property will lead to a Grade of 'F' entered on the Student's record. The mishandling, defacement, or removal of human remains from the Lab is a serious crime and will be reported to University Police and to the Vice President of Academic Affairs who decides on the matter of suspension or expulsion of the student from SDSU (University Policy CODE 1:10:231-4).

HATS, PDA'S, & PHONES ARE NOT PERMITTED IN EXAM ROOMS

LABORATORY REGULATIONS—No food, drink, or cameras are permitted in Lab. Wear appropriate clothing into the Anatomy Lab for your own safety & warmth (the lab is kept at 72 degrees year-round). Sandals & open-toed shoes are not allowed at any time. Students are expected to act in a respectful & professional manner with regard to the treatment of all human remains (cadaver & skeletal material) in the Anatomy Laboratory.

AMERICANS WITH DISABILITIES ACT COMPLIANCE—Any student who believes that they have a disability that may impair their academic performance should make an appointment to see me ASAP to discuss their needs. We are very happy to help out, but it is the students responsibility to insure that their disability is on record with the ADA Coordinator in the Student Affairs Office. If you have questions, please contact Nancy Crooks, Admin 102, 688-4504, Nancy.Crooks@sdstate.edu

HUMAN ANATOMY IS A SCIENCE COURSE—As a Professor at SDSU, I am very much concerned with the presentation of science in my classroom. As such, I employ frank discourse regarding the facts of sexuality, bodily functions, and the facts of evolution. During lecture, I dismiss '*creationism*' and '*intelligent design*' for exactly the same reasons that we do not teach alchemy, witchcraft, or astrology at SDSU. I do this out of concern for the integrity of science and the reputations of my department, university, and profession. Medical professionals who deny the principles of science and evolution are in grave danger of undermining patient care and the scientific foundation of clinical medicine.

A few additional things to consider...

THE "A" STUDENT -- AN OUTSTANDING STUDENT

Attendance: "A" students have virtually perfect attendance. Their commitment to the class resembles that of the teacher.

Preparation: "A" students are prepared for class. They always read the assigned pages. Their attention to detail is such that they occasionally catch the teacher in a mistake.

Curiosity: "A" students show interest in the class & in Anatomy. They look up or dig out what they don't understand. They often ask interesting questions or make thoughtful comments.

Retention: "A" students are able to connect past learning with the present. They continually check new information against what they previously learned.

Attitude: "A" students have a winning attitude. They have both the determination & the self-discipline necessary for success. They show initiative. They do things before they have been told to do.

Talent: "A" students have something special. It may be exceptional insight & intelligence. It may be unusual creativity, organizational skills, commitment -- or a combination thereof. These gifts are evident to the teacher & usually to other students as well.

Reflection: A good student practices self-reflection, and is willing to examine and if need be reject old familiar views and beliefs when appropriate.

THE "C" STUDENT -- AN AVERAGE STUDENT

Attendance: "C" students often miss class and put other interests ahead of academic work. Fatigue due to extracurricular activities renders them physically unable to perform well.

Preparation: "C" students prepare their assignments in a perfunctory manner. Their work may be careless & incomplete.

Curiosity: "C" students' interests are limited to issues like "Do we have to know this for the test?" They are most interested in coping or getting by. Their goal is to spend as little time as possible in lab or studying.

Retention: "C" students memorized things for tests in high school. They take little from the class because they still use the same poor study habits.

Attitude: "C" students are not visibly committed to the class. They participate without enthusiasm. Their body language often expresses boredom.

Talent: "C" students vary enormously in talent. Some have exceptional ability, but show undeniable signs of poor self-management or bad attitudes. Others are diligent, but below-average in academic ability.

Reflection: "C" students often blindly memorize material at face value in order to just to get through an exam. Major coursework and career choices are often biased by familiar beliefs and activities that have gone unexamined, or have not been critically evaluated, despite what has been offered by science and academia.