

**BIOLOGY 220 – General Human Anatomy
Fall 2009 Course Syllabus**

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This Syllabus

You are responsible for knowing all the contents of this syllabus. It provides information on the organization of the course, schedules for the lecture and the laboratory, and assignments from assigned texts.

Class Hours

LECTURE:

9:35am-11:00am TTh; Science Lecture 101; S. Daniel. CRN 20400; Honors CRN 20416.
Lecture Exams will be administered in this facility during class hours.

4:50pm-6:15pm MW; Science Lecture 101; S. Daniel CRN 20398; Honors CRN 20973.
Lecture Exams will be administered in this facility during class hours.

LABORATORY CLASSES:

9:30am-12: 40pm MW; S. Haeri. CRN 21199; Honors CRN 20325.

1:00pm-4: 10pm MW; S. Daniel. CRN 20745; Honors CRN 21159.

6:30pm-9: 40pm MW; S. Djang. CRN 20747; Honors CRN 21104.

7:50am-11:00am TTh, G. Russell. CRN 20968, Honors CRN 20956.

11:30pm-2: 40pm TTh; S. Daniel. CRN 20746; Honors CRN 21103.

5:30pm-8: 40pm TTh; B. Madsen. CRN 20748; Honors CRN 21105.

6:00pm-9:10pm F; 9:00am-12:10pm S; S. Djang. CRN 21202; Honors CRN 20394.

The laboratory classes meet in Sci 143. There are seven scheduled laboratory classes. You are expected to attend your scheduled laboratory class. You may not take exams or quizzes during any but your scheduled class period. Laboratory exams (Practical Exams) and quizzes are administered in this facility during scheduled class hours.

When possible, the laboratory is open for independent work. Do not expect assistance during these open hours, or expect the lab to always be available. Never interfere with other classes or instructors who also use the laboratory facility.

NOTE: Students must enroll in a lecture and a laboratory simultaneously. You may combine any lecture with any laboratory.

Texts

The text entitled *Human Anatomy* (2st edition) by McKinley and O'Loughlin is required and intended to augment both lecture and laboratory material. The reading assignments listed in the course schedule are subject to examination whether or not the material is covered in class. Some of the text material is designed to help you with laboratory material. These materials will be indicated when they become relevant.

For the laboratory, the *Human Anatomy Laboratory Manual* by Daniel and Harmer is required, as is Sebastiani and Fishbeck's *Mammalian Anatomy of the Cat*. Kapit and Elson's *Anatomy Coloring Book* is suggested. The assignments listed on the course schedule are subject to examination whether or

not the material has been covered in class. You are expected to bring all required texts to laboratory classes.

The *Color Atlas of Human Anatomy* by McMinn and Hutchings and the diFiore's Atlas of Histology by Eroschenko are supplemental texts (i.e., it is not required). They are excellent reference books, and would be a good addition to your library. Another excellent reference is *Grey's Anatomy*, the British edition. This book is expensive, but worth considering if your major involves further work in human anatomy. Other supplemental materials are available in the bookstore

Supplies and specimens

The laboratory involves examination of anatomical structures by dissection. Each student is expected to participate in classroom dissections as a member of a dissection team. Teams usually consist of two students. Dissection specimens include preserved cats and a variety of preserved organs (e.g., hearts, brains, eyes, etc.).

Human cadavers are used to study most body systems. Biol. 220 students are not permitted to participate in dissection of these specimens (An independent study class in Human Dissection is offered in the spring semester for a limited number of experienced students. If you are interested in this opportunity, request further information.) Each student is expected to identify structures on human cadavers. These specimens, and those mentioned above, will be used for examination purposes.

Biol. 220 students are expected to provide their own dissection tools. For this class, a dissection kit must include *forceps, scalpel and blades, teasing needle, blunt probe, scissors, and gloves*. Members of a dissection team may share this equipment. Check the laboratory schedule and make note of the first laboratory meeting involving dissection. Have your equipment at this time. Gloves are **required** when handling specimens and human cadavers. A lab coat, or equivalent, is recommended.

Dissection kits are available through the bookstore. There are also several supply houses in the area that carry kits and gloves. Location information on these supply houses is posted in the window in lab.

Examinations and grades

You will be assigned one grade for this class. That grade will be determined by your performance in the two segments of the class, lecture and laboratory. Each segment of the class contributes 50% of your final grade.

Grading is based on total points earned, quality of dissection and participation in lab. Grades will be assigned on a scale similar to the sample scale provided in this syllabus. At least 50% is required to pass the course.

There are *five 100-point lecture exams*. Each exam, including the final exam, will test material covered since the last exam. All five are objective tests; you will need a 100-answer Scantron and a #2 pencil for each exam.

There are *five laboratory practicums*. Each practicum will test material covered since the previous practicum, with the exception of Practicum V. This will be a *comprehensive laboratory final*, emphasizing material since the last practicum (refer to your laboratory schedule for the date of this test). Point values for these practicums vary, but will total about *700 points* by the end of the semester.

Quizzes will be administered in the laboratory. These may, or may not be announced. The point value of individual quizzes will vary, but will total about *300 points* by the end of the semester.

Make-up lecture examinations will not be given unless absence is due to a College recognized emergency. Laboratory practicums and quizzes cannot be made-up for any reason. You must be present when these examinations begin, or risk forfeit of the opportunity to take the examination. The instructor will determine start times for all examinations. Most of the time, quizzes will be administered at the beginning of the laboratory session.

Attendance

Attendance in class is very important. It is your responsibility to keep up with the reading assignments, changes in the schedule and any other activities outlined by the instructor in class meetings. You may be dropped from the class after three unauthorized absences.

Cell phones and other annoying electronic devices

The use of cell phones is not allowed in either the lecture or the lab.

Note

Read all essays and figure legends in the text. You are also responsible for material in the coloring book and various multimedia that pertains to each lecture topic. Illustrations from required books and multimedia sources will be used on exams, practicums and quizzes.

GRADING SCALE:

Letter grades cannot be determined until all of the points have been accumulated at the end of the course. The scale below can be used as a guideline to estimate your standing in the course. A similar but not necessarily identical scale will be used at the end of this class. Borderline grades will be evaluated based on attendance, participation, quiz scores and improvement.

| PERCENT | GRADE |
|----------|------------|
| 90+ | A |
| 88-89 | Borderline |
| 80-86 | B |
| 78-79 | Borderline |
| 70-76 | C |
| 65-69 | Borderline |
| 50-64 | D |
| Below 50 | F |

Need help?

Sources of help include: the instructors (see posted office hours), teaching assistants, the laboratory technician ...and divine intervention! There is also a tutorial center on campus.

Do we really need to say this?

Cheating will not be tolerated, and is cause for immediate dismissal. The college will be notified, and appropriate action will be taken.

KEEP TRACK OF YOUR GRADE:

LECTURE

EXAM I (Possible points=100)..... _____

EXAM II (Possible points=100) _____

EXAM III (Possible points=100) _____

EXAM IV (Possible points=100)..... _____

EXAM V (Possible points=100) _____

TOTAL (Possible points=500) _____

LABORATORY

PRACTICUMS

Practicum I (Possible points=1??)..... _____

Practicum II (Possible points=1??)..... _____

Practicum III (Possible points=1??) _____

Practicum IV (Possible points=1??)..... _____

Practicum V (Possible points=2??) _____

TOTAL (Possible points= about 700)..... _____

QUIZZES

Quiz 01 (Possible points=15)..... _____

Quiz 02 (Possible points=15)..... _____

Quiz 03 (Possible points=15)..... _____

Quiz 04 (Possible points=15)..... _____

Quiz 05 (Possible points=15)..... _____

Quiz 06 (Possible points=15)..... _____

Quiz 07 (Possible points=15)..... _____

Quiz 08 (Possible points=15)..... _____

Quiz 09 (Possible points=15)..... _____

Quiz 10 (Possible points=15)..... _____

Quiz 11 (Possible points=15)..... _____

Quiz 12 (Possible points=15)..... _____

Quiz 13 (Possible points=15)..... _____

Quiz 14 (Possible points=15)..... _____

Quiz 15 (Possible points=15)..... _____

Quiz 16 (Possible points=15)..... _____

Quiz 17 (Possible points=15)..... _____

Quiz 18 (Possible points=15)..... _____

Quiz 19 (Possible points=15)..... _____

Quiz 20 (Possible points=15)..... _____

TOTAL (Possible points=300) _____

Note: in reality, point values for quizzes will vary. Change the value for possible points when appropriate.

FINAL GRADE:

LECTURE: Total Points

LABORATORY Total Points

Practicums

Quizzes

TO CALCULATE YOUR FINAL GRADE:

Determine your percentage for lecture, and for lab. To do this, divide the number of points earned by the number of points possible for lecture and for lab. Add the percentages together, and divide by 2. Compare your final percent to the scale provided. Refer to the example below.

Lecture % = Points Earned/500 pts

Laboratory %= Points Earned/ 900 pts

Lecture % + Laboratory % / 2 = Final %