

**Syllabus for Biology 20, Human Anatomy**  
**Fall Semester 2012-Section # 52961**

Instructor: Holly Shugart

Contact Information:

Phone- 559-596-2928

E-mail: [holly.shugart@reedleycollege.edu](mailto:holly.shugart@reedleycollege.edu)

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**I. Course Description:**

**a. Objectives:**

1. Learn to identify the structure and function of each body system
2. Develop critical thinking skills necessary to evaluate lecture topics and laboratory observations
3. Learn how to incorporate the scientific methods into your understanding of anatomy
4. Fulfill a basic requirement for jobs in a variety of fields, including: biology, physical education and healthcare

**b. Credit Hours & Meeting Times:**

Biology 20 is a 4 unit course with 3 hours of lecture, Monday, 6 pm-8:50 pm, and 3 hours of lab, Wednesday, 6 pm-8:50 pm.

**II. Required Materials:**

- a. Textbook: Martini, Timmons & Tallitsch, Human Anatomy, 7<sup>th</sup> edition.
- b. Lab manual: Lab Manual for Human Anatomy by Michael Wood. Available only through Reedley College Bookstore

**III. Additional Items:**

- a. Food or beverages are not allowed during lab. A closed container beverage is allowed on your desk during lectures, but must be stored in your bag during lab.
- b. No Profanity allowed at any time.
- c. **Cell phones must be silenced and stored. Do not text or surf the web during class.**
- d. Cell phones during exams—You are held to a higher standard with cell phones during an exam compared to other class time. Cell phone use during exams is not just an annoyance; they can easily be used for cheating and WILL NOT BE TOLERATED!
- e. Cheating is taken very seriously. Penalties range from a zero on the assignment to further action by the college. If I catch a student cheating on an exam, this will be reported to the college and could result in penalties as serious as being expelled.
- f. Let's be serious. Goofing off can create an unsafe learning environment for you and for other students.

**IV. Attendance:**

You are expected to be on time for lecture and for laboratory sessions. **If you miss more than 4 session of class or lab, you may be dropped from the course.** If there are extenuating circumstances, please let me know. I will be much more understanding if you talk to me. I'll possibly allow make-up work, given appropriate circumstances (a death in the family, if you are seriously ill, etc...).

**V. Class work & Exams:**

a. Grading and points

<b>Description</b>	<b>Points Possible</b>
3 Lecture Exams	300
3 Lab Exams	300
15 Lab Reports (15 points each)	225
6 Anatomy in the Media Summaries (15 points each)	90
1 Essay	100
<b>Approx. Total Points =</b>	<b>1015</b>

b. Grading scale:

90%= A      80%= B      70%= C      60%= D      59% & below= F

c. Exams will include multiple choice, short answer, true/false, and essay questions.

d. **Make-up exams will not be given.** Do not miss an exam!

e. Anatomy in the Media Summaries— Once you are immersed in human anatomy, you will begin to notice it in the media all around you.

i. Summary Options:

1. Print or clip out and attach your example and write up a 1-2 page summary of your example.
2. Now that you're an expert, you might also find all sorts of mistakes in representations of human anatomy in the media. Attach your example of a mistake and summarize exactly HOW it is wrong. I must be convinced the example was wrongly portrayed. If you're not sure, run the example by me before doing your write-up.

f. Essay— You will explore the effects of common human conditions on our anatomy. You could research the physical effects of drug addiction, obesity or many other conditions that leave lasting physical effects on our bodies. The essay will be 6-8 pages long and contain APA cited references.

g. All lab reports are due at the end of lab. If you are not finished at the end of lab, let me know, and you may be allowed to turn it in at the beginning of the next lab and receive full credit. Labs turned in late without prior authorization will not receive full credit.

**VI. Plagiarism-** Plagiarism will not be tolerated. Turning in the work of someone else as your own will result in a 0 on the assignment and potentially further action by the college. Don't risk your academic future!

**VII. Academic accommodation-** If you have a need for an academic accommodation or materials in alternate media (i.e. Braille, large print, electronic text, etc...) per the Americans with Disabilities Act (ADA) or section 504 of the Rehabilitation Act, please contact me as soon as possible.

**VIII. Important Dates:**

1. 8/24      Last day to drop a full-term class for a full refund
2. 8/31      Last day to register for a full-term class  
Last day to drop a full-term class and avoid a "W" on transcript, w/ instructor
3. 9/03      Last day to drop a full-term class and avoid a "W" on transcript, on WebAdvisor or TouchTone
4. 10/12      Last day to drop a full-term class and avoid having a letter grade assigned for class

<b>Week of the Semester</b>	<b>Lecture Topics</b>	<b>Lab Topics</b>
Wk 1 Aug. 13, 15	Ch 1—Terminology, Quadrants and Regions	Lab Report # 1
Wk 2 Aug. 20, 22	Ch 2 & 27—The Cell, Mitosis & Meiosis	Lab Report # 2, 3
Wk 3 Aug. 27, 29	Ch 3 & 4-- Histology & Integument	Lab Report # 4, 5 <b>Media Summary #1 Due</b>
Wk 4 Sept. 3, 5	<b>NO CLASS- LABOR DAY</b>	Lecture—Ch 25 Digestive System Lab Report # 26
Wk 5 Sept. 10, 12	Ch 26—Urinary System	Lab Report # 27 <b>Media Summary #2 Due</b>
Wk 6 Sept. 17, 19	<b>Lecture Exam 1</b>	<b>Lab Exam 1</b>
Wk 7 Sept. 24, 26	Ch 5, 6 & 7—Skeletal System	Lab Report # 6, 7 & 8 <b>Media Summary #3 Due</b>
Wk 8 Oct. 1, 3	Ch 9, 10 & 11—Muscular System	Lab Report # 10, 11 & 12
Wk 9 Oct. 8, 10	Ch 8—Articulations	Lab Report # 9 <b>Media Summary #4 Due</b>
Wk 10 Oct. 15, 17	Ch 19—Endocrine System	Lab Report # 20
Wk 11 Oct. 22, 24	Ch 27 & 28—Reproductive System	Lab Report # 28 & 29 <b>Media Summary #5 Due</b>
Wk 12 Oct. 29, 31	<b>Lecture Exam 2</b>	<b>Lab Exam 2</b>
Wk 13 Nov. 5, 7	Ch 13-17—Nervous System	Lab Report # 13, 14, & 15
Wk 14 Nov. 12, 14	<b>NO CLASS—VETERAN’S DAY</b>	Lecture—Ch 20-22 Cardiovascular System Lab Report # 21, 22 & 23
Wk 15 Nov. 19, 21	Ch 18—Senses	Lab Report #17, 18 & 19 <b>Media Summary #6 Due</b>
Wk 16 Nov. 26, 28	Ch 23 & 24—Respiratory & Lymphatic Systems	Lab Report # 24 & 25
Wk 17 Dec. 3, 5	Review <b>Essay Due</b>	<b>Lab Final Exam</b>
Wk 18 Dec. 10	<b>Lecture Final Exam</b>	<b>No class</b>