



BIOLOGY 202 Course Syllabus: Human Anatomy Spring – 2017

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Text Book: Human Anatomy: *Martini, Timmons and Tallitsch* (8th edition), Pearson.
Textbook is your main source of reference, review and learning.

Lecture time and location:

Anatomy lecture will meet in Room 129 in the School of Math and Science Building from 8:00 am to 9:15 am on Tuesday and Thursday each week.

Anatomy Lab will meet in Room 301 in the HWWE on Mondays, Tuesdays and Wednesdays from 11:30 am to 2:30 pm and also from 2:30 pm to 5:30 pm.

Course Description: This course is an introduction to the anatomical structures of the human body. Body structures will be studied by organ systems and will involve a correlation between gross anatomical study and the body's function. The laboratory study will involve working with human skeleton and anatomical models. Prerequisites: Biology 111 and 112 with labs.

Course goals: This course will provide the student with a well-founded understanding of the general structure of the human body and how different parts of the body are interrelated. This will be achieved through anatomical models, specimens, lectures and self-directed learning.

Course Objectives and Student Learning outcomes:

- Students will attain a basic understanding of the human body as well as structural relationships between different parts of the body
- Students will learn to demonstrate how structure relates to function
- Students will attain knowledge and understanding of the structure, composition, and functions of the different organ systems of the human body.
- Students will learn the essential terminology necessary to properly describe the fundamental relationships and orientation of structures in the human body.
- Learn how to study, interpret, and care for anatomical models as well as specimens
- Demonstrate the ability to effectively communicate and work collaboratively together with peers in the laboratory.

Grading:

Lecture grades

- **Lecture exams:** 2 exams 170 points each **340pts**
- **Final Exam**..... **240pts**
- **Lecture quizzes and assignments** **70pts**

Laboratory Grades

- **Lab exams** 2 exams 100 points each **200pts**
- **Lab Final** **120pts**
- **Lab quizzes and assignments** **30pts**
- Letter grades are based on the following scale, :
 - A 926 to 1000 points
 - A- 886 to 925 points
 - B+ 866 to 885 points
 - B 816 to 865 points
 - B- 786 to 815 points
 - C+ 766 to 785 points
 - C 700 to 765 points
 - C- 686 to 699 points
 - D+ 676 to 685 points
 - D 660 to 675 points
 - D- 650 to 659 points
 - F less than 650 pointsGenerally grades below C do not transfer.

You are encouraged to take advantage of the Center for Student Learning's academic support services. You will be offered a variety of services, including study strategies, speaking and writing strategies, and course content. The center provides tutoring, supplemental instruction, and workshops.

Attendance Policy:

Before attending the class, you must meet all the prerequisites and officially register for this course. Attendance is necessary in order to be successful in this class. Students are encouraged to attend all of the classes. In order to verify your enrollment there will be an attendance sheet, which you must sign during the first two weeks. Failure to sign the sheet will result in students being dropped from the course.

Test make-ups are strongly discouraged and will not generally be allowed unless the student can properly justify the absence with documentation. If you miss a scheduled exam, you must notify me within 24 hours to schedule a make-up exam. Only one make-up exam is allowed, and only with a valid, documented excuse. There will also be **NO MAKE-UPS** for the laboratory practicals.

Quizzes generalize from regular announced to pop quizzes. The quizzes will consist of short answer, multiple choice, matching, and true or false questions. There are **NO MAKE UP QUIZZES**. Assignments will be posted on OAKS. All assignments are to be turned in by the due date in lecture and will not be accepted late. I will not accept electronic submission.

Disabilities: The College will make reasonable accommodations for individuals with documented disabilities. Students should apply for services at the Center for Disability Services/SNAP located on the first floor of the Lightsey Center, Suite 104. Students approved for accommodations are responsible for notifying me as soon as possible.

Academic Dishonesty:

Academic dishonesty is not tolerated at College of Charleston. Academic dishonesty includes, but is not limited to, inappropriate use of a college computer or cellphone, unauthorized collaboration, plagiarism, and falsification of information. Students are responsible for adhering to all the policies and procedures in the College of Charleston Student Handbook.

Guidelines for this course will follow the College of Charleston Undergraduate Catalog policies for Academic Integrity and the Honor Code, Student Code of Conduct, and Classroom Code of Conduct. Students can find the complete Honor Code and all related processes in the *Student Handbook* at <http://www.cofc.edu/generaldocuments/handbook.pdf>

When a student is suspected of violating the Honor Code, he or she will be reported to the Dean of Students by the instructor. Furthermore, students will receive a XXF for the course to indicate course failure as a result of academic dishonesty. This notation will remain for two years, after which the student may petition to have it expunged. However, the F will remain on the student's record. Individuals may also be subject to disciplinary probation, suspension, or expulsion from College of Charleston by the Honor Board.

Use of Cell Phones and Computers:

Please turn all electronic devices off or on vibrate before entering class.

**Bio 202 Lecture Schedule
Spring – 2017
(Subject to change with notice)**

January			
Date	Day	Chapter	Subject
1/12	Thursday	1	An Introduction to Anatomy
1/17	Tuesday	5; 6	Osseous Tissue; Axial skeleton
1/19	Thursday	6	Axial skeleton
1/24	Tuesday	7	Appendicular skeleton,
1/26	Thursday	7;8	Appendicular skeleton; Articulations Quiz 1 (Chs 1, 5 and 6)
1/31	Tuesday	8; 3	Articulations; Histology
February			
Date	Day	Chapter	Subject
2/2	Thursday	21	Heart
2/7	Tuesday	22	Vessels and circulation Quiz 2 (Chs 3, 7 and 8)
2/9	Thursday	22	Vessels and circulation; Review
2/14	Tuesday		Exam 1 (Chs 3, 6 – 8, 21 and 22)
2/16	Thursday	9	The muscular system
2/21	Tuesday	10	Axial musculature
2/23	Thursday	10	Axial musculature; Assignment 1
2/28	Tuesday	11	Appendicular musculature
March			
Date	Day	Chapter	Subject
3/2	Thursday	13	Nervous system: Neural tissue
3/7	Tuesday	Spring break	
3/9	Thursday	Spring break	
3/14	Tuesday	13	Neural tissue; Assignment 2
3/16	Thursday	14	Spinal cord and spinal nerves
3/21	Tuesday	16	Brain and cranial nerves
3/23	Thursday	16;17	Brain and cranial nerves; ANS Quiz 3 (Chs 9, 10, 11, 13 and 14)
3/28	Tuesday	18	General and special senses; Review
3/30	Thursday		Exam 2 (Chs 9, 10,11, 13, 14 and 16)
April			
Date	Day	Chapter	Subject
4/4	Tuesday	18	General and special senses
4/6	Thursday	24	Respiratory system
4/11	Tuesday	25	Digestive system
4/13	Thursday	25	Digestive system; Assignment 3
4/18	Tuesday	26	Urinary system
4/20	Thursday	26; 27	Urinary system; Reproductive system Quiz 4 (Chs 17, 18, 24 and 25)
4/25	Tuesday	27	Reproductive system; Review
4/27	Thursday	Reading Day	
4/29	Saturday	Final Exam (Cumulative)	

No Lab manual is required for the lab. Bring your textbook and notes to lab. No food or drinks are allowed inside the lab and please wear closed toed shoes. Before leaving the laboratory organize and clean your lab area. Report any accident or injury immediately to your Instructor.

**Bio 202 Lab Schedule
Spring – 2017
(Subject to change with notice)**

Week 1	
Date	Subject
1/16 – 1/18	No Lab
Week 1	
1/23 – 1/25	The language of Anatomy; Organ system overview; Classification and structure of bones, Axial skeleton
Week 2	
1/30- 2/1	Axial skeleton; Appendicular skeleton; Articulations
Week 3	
2/6 – 2/8	Heart; Blood vessels and circulation
Week 4	
2/13 – 2/15	Blood vessels and circulation; Review; Assignment 1
Week 6	
2/20 – 2/22	Lab exam 1
2/27 – 3/1	Microanatomy of the skeletal muscle; Gross anatomy of the skeletal muscle
Week 7	
3/6 - 3/8	No lab
Week 8	
3/13 - 3/15	Gross anatomy of the skeletal muscle; Assignment 2
Week 9	
3/20 - 3/22	Nervous system
Week 10	
3/27 - 3/29	Spinal cord and spinal nerves; General and special senses
Week 11	
4/3- 4/5	Respiratory System; Review
Week 12	
4/10 - 4/12	Lab exam 2
Week 13	
4/17- 4/19	Digestive, Urinary and Reproductive System; Assignment 3
Week 14	
4/24- 4/26	Review
4/27	Final Exam (Cumulative)

You are not required to attend Lab during your official lab time, but **it is required that you attend lab once a week and verify your presence. If you miss two consecutive labs, then you will be dropped from the course.** In addition to the scheduled lab hours, you can access the lab after hours and weekends. If you are coming during after-hours or weekends, make sure to secure the door after you finish. Call public safety (843-953-5609) for your assistance.

Lab Final: All of you will be given the lab final on Reading day (**27th April**). Lab will be open from 9am to 5pm for students to take the exam. At the latest, you can arrive at 4pm to take the lab final, giving you an hour to complete it. Students will be given a sign-up sheet a week before the final on which they will confirm their time of taking the exam.

Additional Information:

- **Make sure that you check your college Email Daily!**
 - All communication pertaining to the lecture and lab will be done through your college e-mail and OAKS account.
 - You are responsible for all the information provided in the e-mails sent to you, and you must check for messages on a daily basis throughout the entire semester, including the weekend.

- **Where to find your grades:**
 - The grades will be posted on OAKS.

- **PowerPoints will be posted on OAKS.**
 - I use PowerPoints during the lecture, and I also place notes on the board.

- **Extra Credit Policy:**
 - I do not offer any additional work for extra credit

Important Dates:

- **Wednesday January 18** - Drop/Add
- **Thursday March 23** - last day to withdraw with a “W” grade
- **Saturday April 29** – Final Exam (08:00 – 11:00)