



## **BIOLOGY 202 Course Syllabus: Human Anatomy Fall – 2016**

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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 200 points each .....**400pts**
- **Final Exam**..... **250pts**

**Laboratory Grades**

- **Lab exams** 2 exams 100 points each .....**200pts**
- **Lab Final** ..... **150pts**

- 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 points

Generally 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. A SI will also be available for lectures.

### **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 attendance and enrollment for the first 2 weeks of class, I will provide a quiz, which will not be graded, on OAKS. **You must submit this quiz to me in class within the first two weeks, or you will be 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 practical.

**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:**

Cell phones are encouraged only when it is during an activity where students are engaged with materials and may want to reference to a picture (i.e. labs). **Please turn all electronic devices off or on vibrate before entering class.**

**Bio 202 Lecture Schedule**  
**Fall, 2016**  
**(Subject to change with notice)**

<b>August</b>			
<b>Date</b>	<b>Day</b>	<b>Chapter</b>	<b>Subject</b>
8/23	Tuesday	1; 5	Introduction to terms & bone histology
8/25	Thursday	5	Bone histology; Axial skeleton
8/30	Tuesday	6	Axial skeleton
<b>September</b>			
<b>Date</b>	<b>Day</b>	<b>Chapter</b>	<b>Subject</b>
9/1	Thursday	6	Appendicular skeleton
9/6	Tuesday	7	Appendicular skeleton
9/8	Thursday	8	Joints
9/13	Tuesday	3	Histology
9/15	Thursday	21; 22	Heart; Vessels and circulation
9/20	Tuesday	22	Vessels and circulation
9/22	Thursday	9	The muscular system; Review
9/27	Tuesday		<b>Exam 1 (Ch 1, 3, 5 – 8, 21 and 22)</b>
9/29	Thursday	10	Axial musculature
<b>October</b>			
<b>Date</b>	<b>Day</b>	<b>Chapter</b>	<b>Subject</b>
10/4	Tuesday	11	Appendicular musculature
10/6	Thursday	4	Integumentary
10/11	Tuesday	13	Nervous system
10/13	Thursday	14	Spinal cord and spinal nerves
10/18	Tuesday	16	Brain and cranial nerves
10/20	Thursday	16;17	Brain and cranial nerves; SNS and ANS
10/25	Tuesday	17	SNS and ANS; Review
10/27	Thursday		<b>Exam 2 (Ch 4,10,11 and 13 - 17)</b>
<b>November</b>			
<b>Date</b>	<b>Day</b>	<b>Chapter</b>	<b>Subject</b>
11/1	Tuesday	18	General and special senses
11/3	Thursday	18; 21	General and special senses, Heart
11/8	Tuesday	<b>Holiday</b>	
11/10	Thursday	24; 25	Respiratory system; Digestive system
11/15	Tuesday	25; 26	Digestive system; Urinary system
11/17	Thursday	27	Reproductive system
11/22	Tuesday	<b>Holiday</b>	
11/24	Thursday	<b>Holiday</b>	
11/29	Tuesday	19	Endocrine system
<b>December</b>			
<b>Date</b>	<b>Day</b>	<b>Chapter</b>	<b>Subject</b>
12/1	Thursday	23	Lymphatic system
12/3	Tuesday		Review
12/10	Saturday		<b>Final Exam (Cumulative)</b>

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 to your teaching assistant, instructor, or lab supervisor immediately.

**Bio 202 Lab Schedule  
 Summer II 2016  
 (Subject to change with notice)**

<b>Week 1</b>	
<b>Date</b>	<b>Subject</b>
8/29 – 8/31	The language of Anatomy; Organ system overview; Classification and structure of bones, Axial skeleton
<b>Week 2</b>	
9/5- 9/7	Axial skeleton; Appendicular skeleton
<b>Week 3</b>	
9/12 – 9/14	Appendicular skeleton; Joints
<b>Week 4</b>	
9/19 – 9/21	Heart; Blood vessels and circulation
<b>Week 5</b>	
9/26 – 9/28	Microanatomy of the skeletal muscle; Gross anatomy of the skeletal muscle
<b>Week 6</b>	
10/3 – 10/5	<b>Lab exam 1</b>
<b>Week 7</b>	
10/10 - 10/12	Gross anatomy of the skeletal muscle
<b>Week 8</b>	
10/17 - 10/19	Nervous system; spinal cord and spinal nerves
<b>Week 9</b>	
10/24 - 10/26	General and special senses, Respiratory System
<b>Week 10</b>	
10/31 - 11/2	Digestive System; Urinary System
<b>Week 11</b>	
11/7- 11/9	<b>No Lab</b>
<b>Week 12</b>	
11/14 - 11/16	<b>Lab exam 2</b>
<b>Week 13</b>	
11/21- 11/23	<b>Holiday</b>
<b>Week 14</b>	
11/28- 11/30	Reproductive System; Lymphatic System; Endocrine System
<b>Week 15</b>	
12/5	<b>Final Exam (Cumulative)</b>

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. There will also be a SI in the lab during few evenings; these times will be announced throughout the semester.

#### **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:**

- **Monday August 29** - Drop/Add
- **Thursday October 27** - last day to withdraw with a W grade
- **Saturday December 10** – Final Exam (08:00 – 11:00)