

# Human Anatomy & Physiology for the Health Professional Biology 2020 Carthage College Spring 2022

Lecture Tues/Thurs DSC 299 Sec01: 12:30-2:10 Sec02:2:20-4:00

Lab DSC 56: Sections vary, see the lab info pages

**Instructor: Dr. Margaret (Maggie) Wentzell**

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**Office: DSC 294 Ofc Hrs: Tus/Thus 10AM to 12:30PM or by appointment**

## **Catalogue Description:**

This course, the second in a two-part sequence, is designed to allow the learner to explore foundational concepts of human anatomy and physiology, focusing on the selected body systems. The course emphasizes the integration of anatomical structure with physiologic function and processes. This course includes laboratory. Prereq: BIO 2010

## **Materials:**

### **Required:**

1. Marieb, E., & Hoehn, K. (2019). *Human Anatomy & Physiology* (11<sup>th</sup> ed.). Boston, MA, Pearson Education. ISBN: 978-0-13-458099-9
2. colored pencils / markers / pens
3. Lab book - differs between sections

### **Suggested:**

anatomy coloring book  
3x5 cards

**Diversity and Culture Statement:** Every individual is valued, accepted, and welcome in my classroom and in my community. I am an Equity Warrior - a member of the Carthage community devoted to adopting inclusive practices and programs to create opportunity for all - and this is a priority for me.

**Special Learning Needs Students:** Carthage College strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers due to your disability (including mental health, learning disorders and chronic medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, you also need to register with Diane Schowalter in Learning Accessibility Services ([dschowalter1@carthage.edu](mailto:dschowalter1@carthage.edu)). Continuous communication about specific needs is appreciated.

**Grading:**

5 exams, lowest one dropped	100 points each	400
21 quizzes, lowest three dropped	5 points each	90
<u>Cumulative Final Exam</u>	<u>200 points</u>	<u>200</u>
9 in-lab quizzes, lowest one dropped	10 points each	80
9 Lab assignments, lowest one dropped	10 points each	80
3 Lab Practicums	50 points each	150
	Total	1000

<b>A+</b>	970+
<b>A</b>	940 - 969
<b>A-</b>	900 - 939
<b>B+</b>	870 - 899
<b>B</b>	840 - 869
<b>B-</b>	800 - 839
<b>C+</b>	770 - 799
<b>C</b>	740 - 769
<b>C-</b>	700 - 739
<b>D+</b>	670 - 699
<b>D</b>	640 - 669
<b>D-</b>	600 - 639
<b>F</b>	< 600

**Lecture Exams:** Exams will be primarily based on the material covered in class - taken directly from your textbook and supplemented from outside sources. Material for the exams will include all lectures up to and including that discussed in the prior class period; not cumulative, but the nature of Anatomy and Physiology dictates that topics will flow together. Questions will be: 50% drawing, and 50% taken directly from practice quizzes.

The **Final Exam** will be cumulative over the entire semester’s material. Multiple choice mostly, with some fill in the blank and true/false where concepts have been emphasized and stressed for importance.

**Lecture quizzes** are given at the beginning of lecture periods, on the material supplied in Schoology - in the form of videos - with close reading of the text as supplement/spelling help. Notes from this preparation are allowed for the quiz. If you miss class, you will receive “zero” on the quiz, but this can be dropped. Absences sanctioned by Carthage will be accommodated – but these must be documented and, where possible, must involve advanced notice. In these situations only, a replacement assignment will be sent to you to compensate for the missed quiz. Please communicate well and early.

**Lab Assignments and quizzes** will be designated during the lab period and by your lab instructor. The lowest assignment score and the lowest quiz score will be dropped.

**Lab Practical Exams** consist of identifying structures posted at stations around the lab room, and answering specific questions pertaining to lab exercises. The practical exams are not subject to make-ups, because of the nature of the exam. Lab practicums are not eligible for drop.

**Participation:** No specific points are assigned, but points may be taken away from a student’s total score. Participation includes showing up to class on time and being active in your learning process, and not a disruptive or disrespectful presence.

## Classroom Policies:

- All electronic devices must be turned off and put away during class.
- Masks must remain over the mouth and nose at all times.
- Food and drink are not permitted in class. If you need a snack or drink, please step into the hall.
- Always be respectful of your classmates and the instructor.
- Regular attendance is critical to student learning and success. I STRONGLY encourage all students to attend every class. In the event a student misses class, it is the student's full responsibility to obtain all material covered during his/her absence.
- Be on time to class. Arriving late to class may disrupt the class and should be avoided whenever possible.

## Expectations of Students:

In order to be successful in this class, students must have good reading skills and must be able to commit time to reading and studying every day. Students are especially encouraged to find a group of people with which to study regularly. A general rule of thumb is that you need seven touches of each piece of information. This class is set up so that a student who doesn't miss class and sets up an effective, consistent study program should be successful. To make sure that this is the case, please feel free to talk to me if you have any questions or would like some extra help.

**Academic Integrity and Other Behaviors** All Carthage policies regarding *academic misconduct* (plagiarism, cheating, etc.) will be enforced in this class. Refer to the student handbook. **All of the following are considered plagiarism:**

[http://www.plagiarism.org/plag\\_article\\_what\\_is\\_plagiarism.html](http://www.plagiarism.org/plag_article_what_is_plagiarism.html)

- Copying textbook key answers
- Turning in someone else's work as your own
- Copying words or ideas from someone else without giving credit
- Failing to put a quotation in quotation marks
- Giving incorrect information about the source of a quotation
- Changing words but copying the sentence structure of a source without giving credit
- Copying so many words or ideas from a source that it makes up the majority of your work, whether you give credit or not (see our section on "fair use" rules)

It is expected that you will *conduct yourself in a professional manner* at all times.

**What should I do if I'm struggling in this course?** If you find yourself struggling in this class, please come and see me as soon as possible. I will work with you to the best of my ability to address problems you are having related to the course. It is my goal to see that all my students succeed in the course. However, be aware that under certain circumstances it may be in your best interest to withdraw from the course, but please see me first.

## Biology 2020 Tentative Schedule Spring 2022

WEEK	DATE	TOPIC
1	Feb 3	Orientation/Syllabus/Intros
2	Feb 8/10	Ch. 14. Autonomic NS
3	Feb 15/17	Ch. 16 Endocrine
4	Feb 22	<b>Exam 1</b>
	Feb 24	Ch. 17: Blood
5	Mar 1	Blood cont.
	Mar 3	Ch. 18: Heart Phys
6	Mar 8	Heart Phys cont.
	Mar 10	<b>Exam 2</b>
<i>Spring Break Mar 14-18</i>		
7	Mar 22/24	Ch. 19: Blood Vessels
8	Mar 29	Ch. 20: Lymphatic
	Mar 31	Ch. 21: Immune
9	Apr 5	Immune Cont.
	Apr 7	<b>Exam 3</b>
10	Apr 12/14	Ch. 23: Digestive
11	Apr 19/21	Ch. 25: Urinary
12	Apr 26	<b>Exam 4</b>
	Apr 28	Ch. 22: Respiratory
13	May 3	Respiratory cont.
	May 5	Ch. 26: Blood pH
14	May 10	Ch. 27: Reproductive
	May 12	<b>Exam 5</b>

### **Final Exams May 16-18**

#### **Important dates:**

- (1) Feb 9 Last day for open add/drop**
- (2) Feb 16 Last day restricted add/drop**
- (3) Mar 25 Mid-term grades**
- (4) Apr 7 Assessment Day**
- (5) Apr 8 Last day for complete withdrawal (“W” on transcript)**
- (6) April 15-18 Easter Break**

It is the student's responsibility to officially withdraw if they do not wish to receive a grade for the course because grades of “W” will only be assigned to students who drop themselves. The benefit of withdrawing is that if a student is doing poorly, the grade from that class will not be factored into their GPA. Instead, a “W” will be placed next to the class on their transcript which does not affect GPA.