

Lecture (D, E, F): 2:00 p.m. – 3:15 p.m. MW, Bailey Science Center (BSC) Rm 1011

Lab sections: BSC Rm 1203

D: 4:00-5:50 p.m. R

E: 9:00 – 10:50 a.m. F

F: 1:00 – 2:50 p.m. F

Instructor: Dr. Colleen McDonough

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Office Hours: **Monday 1:00-1:45 p.m., Thursday 3:00-3:55 p.m., Friday 3:00 – after lab, com to lab room.** In addition, you can stop by at other times if I am in my office- just not between 3:15 and 5 on Wednesdays. If you want a particular time, email me.

TEXT: *Principles of Anatomy and Physiology*, 14th edition (2014) or 15th edition, by G. J. Tortora & B. Derrickson, John Wiley & Sons, older editions are probably fine.

LAB MANUAL: All lab information is given on-line. Some of you may have purchased *Laboratory Manual for Human Anatomy and Physiology*, by M. E. Smith and W. J. Loughry, Pearson Custom Publishing, for BIOL 2561, which is fine. Same information. Because all the information is online, the lab manual is not required and so, purchasing the lab book is optional. Those of you not getting the lab book have to be very PROACTIVE in making sure you have access to the materials during the laboratory period. Images pulled up on your phone might be too small.

LAB KIT: Available in the bookstore. By the third week, you will need to bring this to lab each week. We do have some dissection tools that others have left behind. We do not have enough to cover an entire class. We do provide gloves in class. You may also wish to purchase examination gloves if you have a preference for a particular size or type.

LAB SPECIMENS: Sheep heart, fetal pig and sheep kidney will be provided. Buckets containing the specimens will be allocated to each student.

COURSE GOALS: This course builds on the information discussed in BIOL 2651 by examining all the major human physiological systems.

GRADING POLICY: Total points for the course (590 points).

For lecture (worth 400 points), there will be 4 exams and an optional final (See back page for test dates). Each exam will be worth 100 points. Any issues, problems or complaints about grading must be made within one week of receiving an exam back. No grade changes will be made after that time. You must review your tests within two weeks of receiving grade.

For laboratory (170 points), 3 lab practicals (identifying structures from lab specimens) will be given. Each practical is worth 50 points. Another 20 points will come from lab assignments.

Masks wearing/social distancing (worth 10 points): Points will be awarded if the student wears a mask CORRECTLY every day in class / lab and maintains social distancing.

Attendance in lecture (worth 10 points): You will receive a point for every lecture you attend.

Final grades will be based on cumulative points and will be distributed according to the following percentages (the total number of points represented by these percentages is shown in parentheses):

90-100% (531-590) A

80-89% (472-530) B

70-79% (413-471) C

60-69% (354-412) D

EXAMS: The 4 exams in this course will each cover lecture and reading material. Questions will be based on both the lecture and reading material assigned in class. Exams will be made up of mostly multiple-choice questions with possibly one essay question. After you have finished the lecture tests, you will be handing in both the test form and the scantron. I will be checking to see if your scantron matches your test form. Final answers are those given on the scantron.

You will have two weeks from the time you receive your scantrons back with your grade to look over the test questions in order to take notes on material you may have gotten wrong.

Because we are supposed to dismiss class if someone refuses to wear a mask, I have instituted the following policy. If class has to be dismissed on a test day because of mask non-compliance, I have the discretion of giving tests orally.

OPTIONAL FINAL: The final can only help you. If you are satisfied with your grade after the 4 lecture tests, you do not have to take the final. If you take the final, I will use the 4 highest scores out of the 5 exams (4 lecture tests and 1 final) in

calculating your final grade. (This means that if the final is your worst score, it will be dropped). So, if you have a bad day and do poorly on an exam, you can replace it with the final. I have yet to decide what format (on line, emailed with time limit or take home) the final will take. I will let you know before you make your decision. I will let you know your grade and if the final can help you after grading the fourth test.

MAKE-UPS: Because the final is optional and can make up for a previous exam, there will be **NO** make-ups for any of the first four exams. If you miss one, for whatever reason, that will represent your dropped exam and you will have to take the final. This policy has a couple of important implications: (1) you better not miss more than one exam, (2) there is some incentive in taking and doing well on the first four exams and possibly avoiding the final which is cumulative, and (3) make sure you do not wait and see what the first test is like before studying your hardest because you may need the drop grade for a subsequent test.

LABS: The lab points of your grade will be based on your performance in the laboratory portion of this course. The 3 laboratory exams involving identification of structures on the specimens **cannot** be made up easily!! Unlike the lecture exams, a missed lab exam CANNOT be covered by taking the final. You cannot hand in homework assignments for labs you do not attend. Thus, it is imperative you attend lab each week and crucial that you not miss a lab exam.

IMPORTANT NOTE: Lab exams will involve the use of student specimens. This means you need to do a good and careful job on your dissections.

ATTENDANCE: You must attend all lectures to receive lecture points and laboratory days (see schedule). The exam questions come primarily from the material covered in recorded lectures.

Important Note: For those of you who like to record classes, you must let me know.

BEHAVIOR POLICY: Any student disrupting the classroom and affecting the learning experience of others will be asked to leave. Any student being disrespectful will be asked to leave.

PRIVACY ACT: Because of the Buckley Amendment or Privacy Act, grades will not be discussed over the phone or through email. I will not give grades out to friends or relatives without specific written permission from the student.

Students with Disabilities: If you are registered with the Access Office, let me know so that we can make any necessary arrangements regarding exams etc.

CHEATING: Any student caught cheating will be reported to the Dean of Students. This includes lab and lecture. Cheating includes copying another student's work, allowing another student to copy your work, utilizing materials not authorized during tests, using crib sheets during laboratory tests, etc... The test or assignment will get a "0". Student will be assigned a seat for all remaining tests. If it happens a second time, the student will receive an "F" in the course.

No electric devices can be used during exams. Watches must be removed before the tests. Hats are not to be worn. I may have you pull your hair behind your ears because ear buds are not allowed. Phones need to be in your backpacks (not in your pockets or on/under the desk) which will be in the front of the room. Failure to follow this policy will result in a zero for the test.

FACE COVERINGS: Every student must wear a face covering that covers their nose and mouth at all times while in any campus building, including classrooms and the laboratory rooms. This requirement is intended to protect the health and safety of all VSU students, the instructor, and the entire university community. Anyone attending class without a face covering will be asked to put one on or leave. Students should also be sure they maintain a distance of at least six feet away from their fellow students and instructor and are seated in a seat that is designated to ensure that distance. Students who refuse to wear face coverings appropriately or adhere to other stated requirements may face disciplinary action for Code of Conduct violations.

Dates to Remember:

January 18, MLK Day – no classes

March 4, Mid-Term

March 11, Withdrawal deadline

April 30th, Last day of classes:

May 4th: Final exam: 2:45-4:45 p.m.

TENTATIVE COURSE OUTLINE (may not follow exactly)

(I will tell you what videos you need to cover material on the test)

TOPIC

READING IN TEXT

I. Endocrine & Cardiovascular Systems

Chaps. 18-20
EXAM 1---

II. Cardiovascular, Immune, & Respiratory Systems

Chaps. 21-23
EXAM 2---

III. Digestive System, Metabolism & Urinary System

Chaps. 24-26
EXAM 3---

IV. Body Fluids, Reproduction

Chaps. 27-28
EXAM 4---

See more detailed schedule below

EXAMS

1 Group A Feb 15th; Group B Feb 10th – Rm BSC 1011

2 Group A March 15th; Group B March 10th – Rm BSC 1011

3 Groups A April 5th, Group B April 7th - Rm BSC 1011

4 Groups A April 26th, Group B 28th - Rm BSC 1011

THIS SCHEDULE IS SUBJECT TO CHANGE. IF THE CLASS SIZE DROPS TO 55, THEN THE ENTIRE CLASS CAN ATTEND THE LECTURE PERIODS AND TEST PERIODS. I WILL NOTIFY YOU AS SOON AS THIS IS POSSIBLE.

Topic	Date / Group A or B	Topic	Date / Group A or B
Syllabus	Jan 11 /A	Chapter 25-26	Mar 29/A
"	13 /B	Metabolism, Urinary	31/B
Chapter 18 - Endocrine	20 /B 25 /A	TEST 3	April 5 /A
Chapter 19-20	27 /B	TEST 3	7 /B
Blood, Heart	Feb 1 /A	Chapter 27-28	12/A
Chapter 20	3/B	Fluids, Reproductive	14 /B
Heart	8/A	Chapter 28	19 /A
TEST 1 Group B	10/B	Reproductive	21 /B
TEST 1 GROUP A	15 /A	Test 4 – Group B	26 /A
Chapter 21-22	17 /B	Test 4 – Group A	28 /B
Blood Vessels, Lymphatic	22 /A		
Chapter 22-23	24 /B		
Lymphatic, Respiratory	Mar 1/A		
Chapter 23	3/B		
Respiratory	8/A		
TEST 2	10/B		
TEST 2	15/A		
	17 Wellness Day		
Chapter 24-25	22/A		
Digestive, Metabolism	24/B		

LAB SCHEDULE:

Dates:

Topic:

January	14, 15	NO LAB
	21, 22	Blood physiology
	28, 29	Sheep heart dissection 1
February	4, 5	Sheep heart dissection 2/ Fetal pig prep
	11, 12	Fetal pig blood vessels 1
	18, 19	Fetal pig blood vessels 2
	25, 26	Fetal pig blood vessels 3
March	4, 5	Lab Exam I
	11, 12	Fetal pig digestive system
	18, 19	Fetal pig respiratory system
	25, 26	Lab Exam II
April	1, 2	Fetal pig urinary and reproductive systems April 1 st Wellness day April 2; NO LAB
	8, 9	Review of Fetal pig urinary and reproductive systems April 8 th ; Fetal pig urinary and reproductive systems, April 9
	15, 16	Wellness day April 15; NO LAB Review of Fetal pig urinary and reproductive system April 16 th
	22, 23	Lab Exam III (cumulative)
	29, 30	NO LAB

<u>Topic</u>	<u>Need</u>
Blood physiology	Blood Lab protocol, Blood Lab worksheet, Assignment, Blood cell counts
Heart	Review List - Heart
Anterior vessels	Review List, Dissection protocol Anterior Vessels
Posterior vessels	Review List, Dissection protocol Posterior Vessels
Fetal pig digestive system	Review List, Dissection protocol Digestive System
Fetal pig respiratory system	Review List, Dissection protocol Respiratory System
Fetal pig urinary/reproductive	Review List, Dissection protocol Urinary System AND Review List, Dissection protocol Reproductive System

* **Worksheets, review lists, dissection protocols can be found on BIOL 2652 website: blog.valdosta.edu/ap2/**