

Anatomy & Physiology 2

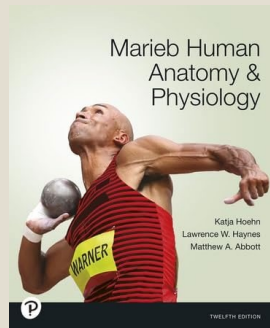
Fall 2025; 16-week Course

Instructor: Amanda Rakhshandeh, PhD

Required Materials:

Textbook

- E-text included in tuition fees
- Available on first day of class
- You can opt out. See Blackboard for more info.



Note-taking & Study Guide

- Download & print for free

BIOLOGY 2402: ANATOMY & PHYSIOLOGY 2
SOUTH PLAINS COLLEGE

NOTE-TAKING & STUDY GUIDES

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External Webcam

- Check out from SPC library OR
- Purchase on your own
- Typical cost - \$20 - \$30



Scan for SPC library
contact info



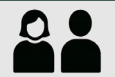
Where & when do we meet?



We don't. This course is fully online, all material is on Blackboard.

Plan to complete assignments every day for the entire course.

How do I contact you?



Drop by:

M/T/W/Th; 12:30 – 2
F: 10 – 12

Science Building
Room 135



Call me:
806.716.2317



Email me:
arakshandeh@southplainscollege.edu

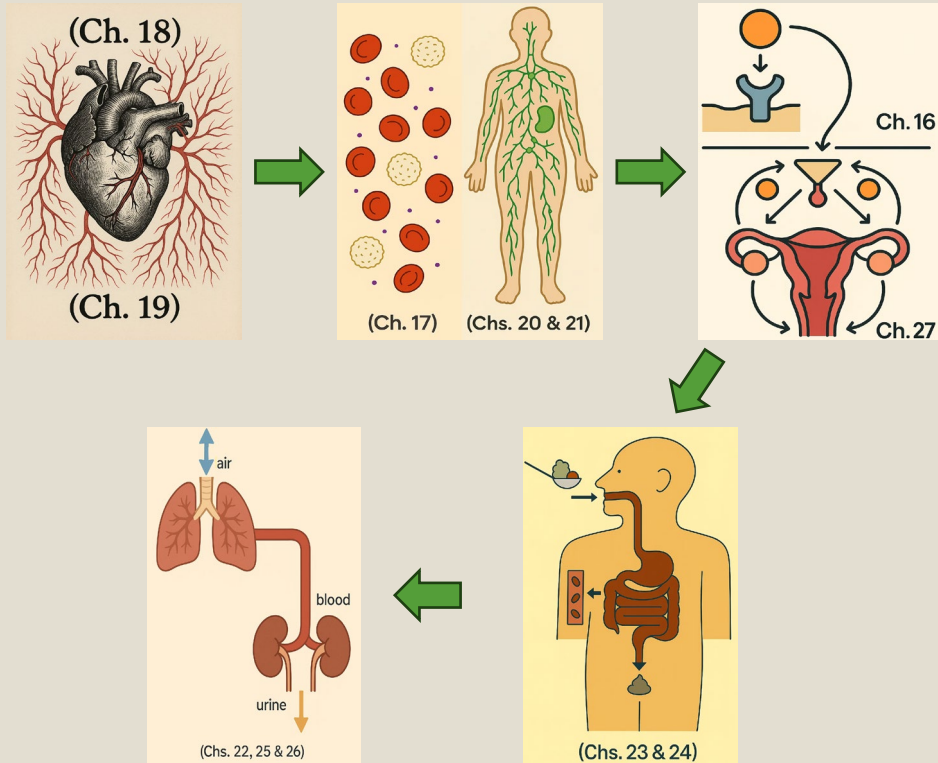
I reply by the next business day.



- 8/25: First day
- 9/1: Labor Day
- 9/10: Drop without it on your transcript
- 10/17: Fall Break
- 11/26 – 28: Thanksgiving
- 12/4: Drop with a W

What will we learn in this class?

Topics Covered



Questions to ask yourself ...



How does the shape of a body part cause it to function in a specific way?

What new functions can be seen once different anatomical structures begin working together?

How do different parts of the body sense their environment? How do they then respond?

How do different parts of the body obtain and use energy?

How do biologists describe the body to one another?

How are different biological structures & functions similar? How are they different?

Life can impact learning!



A student can get help with:

- Food assistance
- Help paying bills
- Mental health counseling and referrals
- Other free or reduced cost programs

Contact the SPC Health & Wellness Center today.

<https://www.southplaincollege.edu/health/studenthealth.php>



CAR BROKE DOWN?



NEED A SHUTTLE?



GET HELP GETTING TO CLASS TODAY

<https://spartanpublictransit.com/spc-express.php>



What are the assignments for this class?

Lecture Exams

- Five exams testing your understanding of physiology and your “mental maps” of body structures.
- One due date extension allowed, no re-takes.
- No dropped grades, but an optional comprehensive final lecture exam can replace lowest grade.

Lab Exams

- Five exams test identification of anatomical structures.
- Fill-in-the-blank, no word bank, spelling counts.
- Same policies as Lecture Exams.

Videos & Tutorials

- Fill out note-taking guide as you watch videos & complete tutorials.
- Answer graded questions (two chances per video question; unlimited chances for tutorial activities).
- No extensions, 5 lowest grades dropped.

Orientation Assignments

- Start-here tasks to learn course setup.
- Chapter 18 quizzes are required. The rest are optional.
- No extensions or re-takes; lowest one grade dropped.

Discussion Board

- Ask two questions on course content each week. What counts as a question is given on Blackboard.
- Lowest one discussion grade dropped.

How much are assignments worth?

- Lecture Exams 70%
- Lab Exams: 20%
- Videos: 4%
- Quizzes: 4%
- Attendance: 2%

Do you offer extra credit?

No. However, early Start Here assignments boost your grade – don't skip them!

How do you assign grades?

89.5 and up	= A
79.5 – 89.49	= B
69.5 – 79.49	= C
59.5 – 69.49	= D
59.49 and down	= F

What if I'm on the borderline?

Cut-offs are strict.
An 89.49 = B
An 89.50 = A

Do you curve grades?

No, but all exams are reviewed for accuracy and fill-in-the-blank questions are hand-graded.

How do I succeed in this class?

Spend enough time studying

16-week classes = 12 hours a week
8-week classes = 20 hours a week
5-week classes = 30 hours a week



Take notes while watching videos

- Pause often.
- Details matter, so write them down.
- Write down questions



Ask questions.

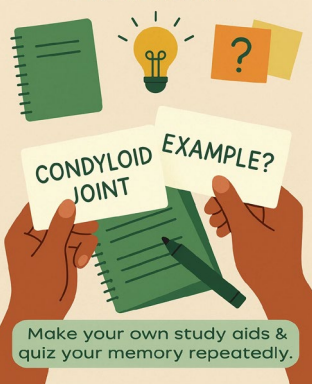
- On the Discussion Board
- By email
- See me during office hours.



Use the Learning Tools I Provide



BOOST YOUR MEMORY



Make your own study aids & quiz your memory repeatedly.

Week 1

[Edit release conditions](#)

Learning Aids for Heart & Blood Vessels
 Visible to students

Learning Aids for rnoa
 Release conditions: [conditions](#)

Due Tuesday, March 11 at 11:59PM
 Release conditions: [Edit release conditions](#)

Due Wednesday, March 12 at 11:59 PM
 Release conditions: [Edit release conditions](#)

Due Friday, March 14 at 11:59 PM
 Release conditions: [Edit release conditions](#)

Which learning tools are used most often?

YouTube channel:
Re-watch course videos any time.

Note-taking guide:
Structure your notes & know when you miss something important.

Lecture exam reviews: Lists topics for the exams. All topics match some part of the Note-taking guide.

Practical exam "terms to know"

Mock quizzes:
Preview exam format and adjust study habits.

Online tutorials:
Check your note-taking guide, & quiz your memory.

Instructor-made flash cards: Contains all structures that could be seen on the practical exams.

Hands-on Models – Available at SPC campuses for in-person practice.

Tutoring – Free SPC tutors.



More tools in Course Resources on Blackboard.

What are your other policies?

Participation

- I may drop you after you miss two days' worth of assignments.
- If I drop you, you will receive a grade of "X", not "W".
- If you decide to stop the course, it is your responsibility to drop this course and verify that you are no longer enrolled.

Major exam protocols

- Given online using HonorLock and an external webcam.
- You must show official picture identification.
- Blackboard lists exam conduct requirements, as well as consequences for violations.
- Consequences for violating exam protocol will be suspended on the prior knowledge quiz, so that I can help you correct honest mistakes.
- Immediately visit HonorLock support for technical difficulties. If you email me, regularly check your email, in case of a quick reply.

Cyber or in-person bullying

- Disorderly conduct, verbally abusive or intimidating emails, or subjecting another person to inappropriate, abusive, threatening, or demeaning actions will be subject to disciplinary action, including being required to withdraw from the course.

Cheating

- Cheating will not be tolerated and is subject to disciplinary action.
- A list of what may be considered cheating is found on Blackboard.

Other SPC Policies:

For information regarding

- Intellectual Exchange,
- Disabilities,
- Non-Discrimination,
- Title IX Pregnancy Accommodations,
- CARE (Campus Assessment, Response, and Evaluation) Team,
- Campus Concealed Carry,
- COVID-19 please use the following:



For the college withdrawal policy, please visit:



Week	Date	Tentative Topical Agenda Fall 2025
1	Aug 25 – 31	Chapter 18 – the Heart
2	Sep 1 – 7	Chapter 18 – the Heart, con't
3	Sep 8 – 14 Sep 14	Chapter 19 – Blood Vessels Lecture exam: Chs. 18 & 19 and Lab practical exam: Chs. 18 & 19
4	Sep 15 – 21	Chapter 17 - Blood
5	Sep 22 – 28 Sep 28	Chapters 20 & 21 – Lymphatic System & Immunity Lecture exam: Chs. 17, 20 & 21 and Lab practical exam: Chs. 17 & 20
6	Sep 29 – Oct 5	Chapter 16 – Endocrine System
7	Oct 6 – 12	Chapter 27 – Reproductive System
8	Oct 13 – 19 Oct 19	Chapter 27 – Reproductive System, con't Lecture exam: Chs. 16 & 27 and Lab practical exam: Chs. 16 & 27
9	Oct 20 – 26	Chapter 23 – Digestive System
10	Oct 17 – Nov 2 Nov 2	Chapter 23 – Digestive System, con't & Chapter 24 - Nutrition Lecture exam: Chs. 23 & 24 and Lab practical exam: Ch. 23
11	Nov 3 – 9	Chapter 22 – Respiratory System
12	Nov 10 – 16	Chapter 22 – Respiratory System, con't
13	Nov 17 – 23	Chapter 25 – Urinary System
14	Nov 24 – 25	Chapter 25 – Urinary System, con't
15	Dec 1 – 7 Dec 7	Chapter 26 – Water, Electrolyte & pH Balance Lecture exam: Chs. 22, 25 & 26 and Lab practical exam: Chs. 22 & 25
16	Dec 10	Optional comprehensive final exams – lecture & lab (all chapters)

The instructor reserves the right to make changes to this schedule as necessary.

BIOLOGY 2401 TENTATIVE ASSIGNMENTS SCHEDULE FALL 2025– ALL ASSIGNMENTS ARE DUE AT 11:59 PM CST ON THE DATE LISTED, EXCEPT FOR IN-CLASS ASSIGNMENTS. YOU ARE WELCOME TO WORK AHEAD AT ANY TIME!

Due Date	Week 1 assignments	Webcam needed?	Done?
T – Aug 26	Orientation Videos	---	
	Am I Ready? Quiz	---	
	Study Schedule	---	
	Video: scanning when testing	---	
	Prior knowledge quiz	Yes	
	Course messages quiz	---	
	Student learning survey	---	
W – Aug 27	Chapter 18 videos (#1, 2, & 12)	---	
Th – Aug 28	Chapter 18 videos (#7 & 10)	---	
F – Aug 29	Chapter 18 videos (#3 & 4) & Discussion Board	---	

Due Date	Week 2 assignments	Webcam needed?	Done?
T – Sep 2	Chapter 18 videos (#5 & 6)	---	
W – Sep 3	Chapter 18 videos (#8 & 9)	---	
Th – Sep 4	Chapter 18 videos (#11)	---	
F – Sep 5	Chapter 18 online tutorials, Chapter 18 quizzes & Discussion Board	---	

Due Date	Week 3 assignments	Webcam needed?	Done?
M – Sep 8	Chapter 19 videos (#1 & 2)	---	
T – Sep 9	Chapter 19 videos (#3)	---	
W – Sep 10	Chapter 19 videos (#4, 5 & 6)	---	
Th – Sep 11	Chapter 19 videos (#7 & 8)	---	
F – Sep 12	Chapter 19 online tutorials & Discussion Board	---	
Sun– Sep 14	Lecture Exam: Chs. 18 & 19	Yes	
	Lab Practical Exam: Chs. 18 & 19	Yes	

Due Date	Week 4 assignments	Webcam needed?	Done?
M – Sep 15	Chapter 17 videos (#1 & 2)	---	
T – Sep 16	Chapter 17 videos (#3 & 4)	---	
W – Sep 17	Chapter 17 videos (#5, 6 & 7)	---	
Th – Sep 18	Chapter 17 videos (#8, 9 & 10)	---	
F – Sep 19	Chapter 17 tutorials & Discussion Board	---	

Due Date	Week 5 assignments	Webcam needed?	Done?
M – Sep 22	Chapters 20/21 videos (#1 & 2)	---	
T – Sep 23	Chapters 20/21 videos (#3 & 4)	---	
W – Sep 24	Chapters 20/21 videos (#5, 6 & 7)	---	
Th – Sep 25	Chapters 20/21 videos (#8 & 9)	---	
F – Sep 26	Chapters 20/21 tutorials & Discussion Board	---	
Sun– Sep 28	Lecture Exam: Chs. 17, 20 & 21	Yes	
	Lab Practical Exam: Chs. 17 & 20	Yes	

Due Date	Week 6 assignments	Webcam needed?	Done?
M – Sep 29	Chapter 16 videos (#1 & 2)	---	
T – Sep 30	Chapter 16 videos (#3)	---	
W – Oct 1	Chapter 16 videos (#4)	---	
Th – Oct 2	Chapter 16 videos (#5 & 6)	---	
F – Oct 3	Chapter 16 online tutorials & Discussion Board	---	

Due Date	Week 7 assignments	Webcam needed?	Done?
M – Oct 6	Chapter 27 videos (#1 & 2)	---	
T – Oct 7	Chapter 27 videos (#3)	---	
W – Oct 8	Chapter 27 videos (#4 & 5)	---	
Th – Oct 9	Chapter 27 video (#6)	---	
F – Oct 10	Discussion Board	---	

Due Date	Week 8 assignments	Webcam needed?	Done?
M – Oct 13	Chapter 27 videos (#7 & 8)	---	
T – Oct 14	Chapter 27 videos (#9)	---	
W – Oct 15	Chapter 27 video (#10)	---	
Th – Oct 16	Chapter 27 online tutorials & Discussion Board	---	
Sun – Oct 19	Lecture Exam: Chs. 16 & 27	Yes	
	Lab Practical Exam: Chs. 16 & 27	Yes	

Due Date	Week 9 assignments	Webcam needed?	Done?
M – Oct 20	Chapter 23 videos (#1 & 2)	---	
T – Oct 21	Chapter 23 videos (#3 & 4)	---	
W – Oct 22	Chapter 23 videos (#5, 6 & 7)	---	
Th – Oct 23	Chapter 23 videos (#8 & 9)	---	
F – Oct 24	Chapter 23 video (#10) & Discussion Board	---	

Due Date	Week 10 assignments	Webcam needed?	Done?
M – Oct 27	Chapter 23 videos (#11 & 12)	---	
T – Oct 28	Chapter 23 videos (#13 & 14)	---	
W – Oct 29	Chapter 24 videos (#1, 2 & 3)	---	
Th – Oct 30	Chapter 24 videos (#4, 5 & 6)	---	
F – Oct 31	Chapters 23/24 online tutorials & Discussion Board	---	
Sun – Nov 2	Lecture Exam: Chs. 23 & 24	Yes	
	Lab Practical Exam: Chs. 23	Yes	

Due Date	Week 11 assignments	Webcam needed?	Done?
M – Nov 3	Chapter 22 video (#1)	---	
T – Nov 4	Chapter 22 videos (#2 & 3)	---	
W – Nov 5	Chapter 22 videos (#4 & 5)	---	
Th – Nov 6	Chapter 22 videos (#6 & 7)	---	
F – Nov 7	Chapter 22 video (#8) & Discussion Board	---	

Due Date	Week 12 assignments	Webcam needed?	Done?
M – Nov 10	Chapter 22 videos (#9 & 10)	---	
T – Nov 11	Chapter 22 videos (#16)	---	
W – Nov 12	Chapter 22 videos (#11, 12 & 13)	---	
Th – Nov 13	Chapter 22 videos (#14 & 15)	---	
F – Nov 14	Chapter 22 online tutorials & Discussion Board	---	

Due Date	Week 13 assignments	Webcam needed?	Done?
M – Nov 17	Chapter 25 videos (#1 & 2)	---	
T – Nov 18	Chapter 25 video (#3 & 4)	---	
W – Nov 19	Chapter 25 videos (#5 & 6)	---	
Th – Nov 20	Chapter 25 video (#7)	---	
F – Nov 21	Chapter 25 video (#8) & Discussion Board	---	

Due Date	Week 14 assignments	Webcam needed?	Done?
M – Nov 24	Chapter 25 videos (#9, 10 & 11)	---	
T – Nov 25	Chapter 25 online tutorials & Discussion Board	---	

Due Date	Week 15 assignments	Webcam needed?	Done?
M – Dec 1	Chapter 26 videos(#1 & 2)	---	
T – Dec 2	Chapter 26 videos (#3 & 4)	---	
W – Dec 3	Chapter 26 videos (#5 & 6)	---	
Th – Dec 4	Chapter 26 videos (#7 & 8)	---	
F – Dec 5	Chapter 26 online tutorials & Discussion Board	---	
Sun– Dec 7	Lecture Exam: Chs. 22, 25 & 26	Yes	
	Lab Practical Exam: Chs. 22 & 25	Yes	

Due Date	Week 16 assignment	Webcam needed?	Done?
W – Dec 10	Optional comprehensive final exams – lecture and lab (all chapters)	Yes	