

COURSE SYLLABUS

BIOL 2404-151 (4:3:2)

Anatomy & Physiology:
Pathology

BIOLOGY DEPARTMENT

ONLINE COURSE

SOUTH PLAINS COLLEGE

Spring 2023

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Professional

Expertise: Adult Medical/Surgical Nursing
Pediatric Community Health
Adult Cardiac Health
CPR instructor
LVN Instructor
ADN Instructor
Retention Specialist
Nurse Recruitment
Transition ADN Program Instructor

Professional Accolades: Texas Nurses Association
American Nurses Association
ATI Champion

Personal Interests: Community Health, High Fidelity
Simulation, Student Nurse Advocacy, Nurse Advocacy, Veteran Advocacy, music,

SOUTH PLAINS COLLEGE IMPROVES EACH STUDENT’S LIFE

I. GENERAL COURSE INFORMATION:

A. COURSE DESCRIPTION

This course will provide an in-depth introduction to basic concepts and fundamental principles of human pathophysiology for advanced undergraduate students. This course will evaluate the study of the structure and function of human anatomy, including the neuroendocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems. Content is specialized to follow the classical division between general pathology and systemic pathology. The aim of the course is to provide the student with a

systematic approach for understanding disease and rational therapeutic design. Pathophysiology bridges basic science and clinical practice with an emphasis on integrated mechanistic understanding of the molecular, structural, and functional alterations in cells, tissues, and organ systems that underlie human disease.

This course is an online course meaning Blackboard will be utilized predominantly for content and communication. The student is expected to check the Blackboard course frequently (as in every day) to check for new messages, access content, get assignment postings, take quizzes, and view changes to the calendar, schedule or content should this become necessary.

If you are having difficulty accessing or using any components of Blackboard please use the following contact information. For specific help email Amy Shriver ashriver@southplainscollege.edu or call 806-716-2962. For an email address that reaches everyone in the Instructional Technology department, please use blackboard@southplainscollege.edu.

B. STUDENT LEARNING OUTCOMES

Upon successful completion of this course, students will:

1. Identify the essential features of basic disease processes.
2. Interpret the clinical manifestations of specific diseases in terms of etiology and pathogenesis.
3. Describe the relationship between normal anatomy and physiology and alterations produced by disease.
4. Recognize basic pathophysiologic concepts.
5. Describe the impact of health promotion, disease prevention, and risk reduction on selected pathologies.

C. ACADEMIC INTEGRITY

Refer to the SPC student handbook. Refer to the “Honesty Policy” located in the student handbook and appendix for examples of plagiarism. Violations of the honesty policy include cheating during testing, plagiarizing another’s work, and falsifying records will result in failure of the course.

D. PLAGARISM

Offering the work of another as one's own, without proper acknowledgment, is plagiarism. Any student who fails to give credit for quotations or essentially identical expression of material taken from books, encyclopedias, magazines, websites such as: blogs, journals, or articles, other referenced works, from themes, reports, and/or other writings of a fellow student, is guilty of plagiarism. If there is any suspicion of work completed by Artificial

Intelligence (A.I.), the student and their work may be questioned, and if proven that A.I. was used will be considered guilty of plagiarism.

II. SPECIFIC COURSE/INSTRUCTOR REQUIREMENTS:

A. TEXTBOOKS AND OTHER MATERIALS

Required Resources

1. Hard Copy Book: Huether, S.E., & McCance, K.L. (2020). *Understanding Pathophysiology* (7th ed.), Mosby. **

OR

Ebook on VitalSource: Huether, S.E., & McCance, K.L. (2020). *Understanding Pathophysiology* (7th ed.), Mosby. **(Will need to purchase on VitalSource)**

2. Online Course: Huether, S.E. & McCance, K.L. (2020). *Pathophysiology Online for Understanding Pathophysiology* (7th ed.), Mosby. **(Evolve website) ISBN: 9780323639088**

3. Houghton, P.M., & Houghton, T.J. (2020) *APA The Easy Way Updated for 7th Edition*. XanEdu. ISBN: 9781733007955

Recommended Resources

American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7th ed.), Washington, DC: Author.
ISBN:9781433832161

Huether, S.E. & McCance, K.L. (2020). *Evolve Resources for Understanding Pathophysiology* (7th ed.), St. Louis: Mosby.
Course ID: 155701_global_0001 (FREE WITH BOOK PURCHASE)

**Text should be carried at your local bookstore.

B. ASSIGNMENTS

Evolve Online Modules:

This course has been developed utilizing online module pretests from Evolve website. Students need to register for the online portion of this course by going to the website through Blackboard.

Blackboard Module Exams:

Student will be required to complete each module exam listed on the class schedule for 25% of the final grade. Module exams vary in the number of questions; however, the student will receive 1 minute per question to complete the exam. Exams are located in the Blackboard for each week. Module examinations will be open-book and taken from the student's home or preferred location and are due to be completed by the dates listed on the class schedule. The student will have 1 attempt to take the exam, the best score will be recorded. These exams are not to be done in groups, but individually. Once entered the student must finish the exam in one sitting; if a student exits the exam it will automatically submit. It is the student's responsibility to notify the facilitator if technical difficulty occurs during the examination **immediately** through SPC email. **Without proper notification within 24 hours, access will not be granted, and possible questions missed will not be reviewed.**

During the exam NEVER click the Back or Forward. If the screen freezes the student may try the Refresh button or log out and immediately back into Blackboard. Let the screen resolve when saving an answer before clicking next. Exam reviews are not permitted for this course. There are no "dropped" grades or extra credit assignments in this course. It is student's responsibility to keep up with all assignments on calendar.

Policy on Exam Administration:

Exams will be administered according to the schedule set by the course facilitator documented in the course syllabus. Any changes to the exam schedule will be at the discretion of the course facilitator.

To better prepare the student for the licensure exam testing format, unit, and comprehensive exams will be administered as follows:

- Questions will be given to the student one at a time.
- The student must answer and save the answer before going to the next question.
- The student will not be allowed to return to previous questions.
- Any question not saved by the student will be marked wrong.
- There are no "dropped" grades in this course.

Evolve Module Pretests:

The student will be required to complete Evolve pretests accounting for 20% of the final grade. Pretests vary in the number of questions. The student will receive unlimited times to complete each pretest prior to the due date. The pretests are open book and are not to be done in groups, but individually. Students must finish the pretest in one sitting once entered. It is the student's responsibility to

notify the facilitator if technical difficulty occurs immediately through SPC email or via text messaging. Evolve modules will have a link on Blackboard. It is student's responsibility to keep up with all assignments on calendar.

Final Concept Map:

Each student will complete one-individualized concept map accounting for 30% of the final course grade. Concept mapping is a diagrammatic method of teaching and learning that allows students to conceptualize relationships between risk factors, disease process, and clinical manifestations of the disease, diagnostic procedures, and interventions for treatment of the disease process. Each student will choose one topic from a list provided by the instructor for their concept map to develop a complete and thorough concept map of a disease process. Every student will have a different topic. Students may find the concept map assignment list, example of concept mapping, and a rubric template on Blackboard under Course Content, Concept mapping. This assignment will require for student to upload a completed map on Blackboard, provide a video summary of their topic via Flip.com resource provided by instructor. After presenting, the student will be required to use Flip.com resource to reply to two fellow students. This is due by the dates listed on the class schedule to the assignment drop box located on the left-hand column of your Blackboard tool bar. It is student's responsibility to keep up with all assignments on calendar.

The Final Concept Map and Replies must be completed by the due date listed on the class schedule. The student must notify the instructor before the due date if the student anticipates the assignment will be late. Failure to upload the final concept map by the due date to the Blackboard assignment link will automatically result in a 50 point deduction on Day 1 that it is late. Day 2 past the due date the student will receive a zero for the assignment. All students will complete their own map and are required to submit individual concept maps to the assignment submit tab for grading. Failure to submit individual assignments will result in a deduction. **It is the student's responsibility to make sure their uploaded work is downloadable for the instructor to grade. All uploaded work needs to be in .ppt.**

Discussion Board Forum:

This section accounts for 25% of the final course grade. Students will be required to **complete their own discussion and reply to two-three of their peer's discussion** questions on the board forum as well as to reply to a peer that commented on the student's discussion weekly to receive full credit. Students may find the grading rubric on Blackboard under Course Content, Discussion Board Forum module. This assignment is due by the dates listed on the class schedule. Failure to complete the discussion board by the due dates will result in a zero. There are no makeups for discussion boards as this is an interactive

assignment with peers and must be completed during the assigned time frame. It is the student's responsibility to locate the discussion forum in blackboard; if a student is unable to view the forum the student should notify the course facilitator on the first day of the forum and notify information technology. It is student's responsibility to keep up with all assignments on calendar.

- Each discussion has 3-parts. Part 1 & 2 will be submitted on a PowerPoint submission:
 - **Part 1-Discussion Question:** Answer the discussion question(s) in essay style. Must be completed as a PowerPoint with Part 2 Concept Map. Must include 2 scholarly references. One reference must be the course textbook and one scholarly source. The in-text reference and reference page must be in APA 7th ed. formatting.
 - **Part 2-Concept Map:** Completing the portion of concept map. Must be completed as a PowerPoint. Must include 2 references. One reference must be the course textbook and one scholarly source. The in-text reference and reference page must be in APA 7th ed. formatting.
 - **Part 3-Replies:** Student must reply to 2 of their peer's discussions with at least 100-word count text, commenting on their discussion answer or concept map pathology in the Blackboard discussion board. In addition to peer replies, the student must also reply to back to their peer's response from individual discussion. If no peers reply to the student's discussion, then the student will need to reply to a 3rd peer's discussion to receive full credit. Overall, 3 or more responses should be made for discussion credit.

- **It is the student's responsibility to make sure their uploaded work is downloadable for the instructor to grade. All uploaded work needs to be in .ppt. This allows the instructor to provide feedback on document.**

Blackboard Lecture and Module Lessons:

Lecture will be provided on Blackboard by an instructor through PowerPoint, PowerPoint voiceover, YouTube videos, or end of chapter review, as an extra learning tool. Module lessons will be provided as an Evolve link through Blackboard. Lectures and module lessons will help students make connections to the weekly subjects and give additional information for students to add in their discussion. It is the student's responsibility to utilize Evolve resources and Blackboard course resources for their learning. It is student's responsibility to keep up with all assignments on calendar.

Late Assignments and Extra Credit:

Work is due on the assigned dates and times in Central Standard Time (CST). Students should contact faculty prior to the due date and time if they anticipate material will be late. Please note that contacting faculty will not guarantee the receipt of an extension for the assignment. Due to the time constraints within this course, there are no allowances for extra credit assignments or resubmissions of an assignment. Please allow enough time for preparation and submission of each assignment prior to the scheduled due date.

GRADING POLICY

The grade for this course will be determined upon completion of the following components:

Evolve Module Exams	25%
Evolve Module Learning Lesson & Pretest	20%
Concept Map	30%
Discussion Board Forum	25%
Final Grade Total	100%

Course grades are based on the following scale:

- A= 90-100% Excellent
- B= 80-89% Good
- C= 70-79% Average
- D= 60-69% Below Average
- F= 59% Below Failing

TO CALCULATE YOUR OVERALL AVERAGE: DO NOT ROUND

- A. Take your **Module Exam Average** and multiply it by .25: $81 \times .25 = 20.25$
 - B. Then take your **Module Lessons & Pretest Average** and multiply it by .20: $84 \times .20 = 16.8$
 - C. Then take your **Discussion Board Forum** and multiply it by .25: $80 \times .25 = 20$
 - D. Then take your **Concept Map** and multiply it by .30: $88 \times .30 = 26.4$
- ADD: A + B + C + D+E together to get your overall course average: $20.25 + 16.8 + 20 + 26.4 = 83.45 = B$

CIVILITY

While there are no classroom meetings for this course, students are expected to demonstrate respect and civility towards faculty and other students in an online environment. Students are expected to assist in maintaining a virtual classroom environment that is conducive to learning. In order to assure that all students have the opportunity to gain information from the learning environment; students are prohibited from engaging in any form of distraction, disrespect, inappropriate language or behavior in online interactions. Inappropriate behavior in the virtual classroom will be dealt with by the course faculty on an individual basis. **Please use the faculty email as the primary source of communication and give your instructor 24 hours to answer your email.** There are no office hours for this course.

Diversity Statement

In this class, the teacher will establish and support an environment that values and nurtures individual and group difference and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Disabilities Statement

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Lubbock Centers (located at the Lubbock Downtown Center) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Non-Discrimination Statement

South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been

designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs, South Plains College, 1401 College Avenue, Box 5, Levelland, TX 79336. Phone number 806-716-2360.

Title IX Pregnancy Accommodations Statement

If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education.

To activate accommodations, you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Health and Wellness Center. Once approved, notification will be sent to the student and instructors. It is the student's

responsibility to work with the instructor to arrange accommodations. Contact the Health and Wellness Center at 806-716-2529 or email dburleson@southplainscollege.edu for assistance.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations and Frequently Asked Questions, please refer to the Campus Carry page at: <http://www.southplainscollege.edu/campuscarry.php>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.