Pathophysiology

NRSG - 1230 001

Course Description

Provides basic understanding of pathophysiologic principles and processes across the health continuum. These are discussed and applied to the most common disease states according to each body system.

Pre-Requisite(s): BIOL 2320 and BIOL 2325 and BIOL 2420 and BIOL 2425
Semester(s) Taught: All

Course Student Learning Outcomes

- Apply principles of normal anatomy and physiology of human body systems to the pathophysiological processes of common health alterations.
- Identify concepts, principles, and responses related to pathophysiological processes that result in disease.
- Discuss epidemiology of selected disease processes and health problems.
- Identify clinical manifestations of individuals experiencing health problems that result in pathophysiological alterations.
- Distinguish age-related and cultural differences in pathophysiologic processes.

College Wide Student Learning Outcomes

- 1. Acquire substantive knowledge.

- 2. Communicate effectively.

- 3. Develop quantitative literacies

- 4. Think critically and creatively.

- 5. Become a community-engaged learner.

- 6. Work in a professional and constructive manner.

- 7. Develop computer and information literacy.
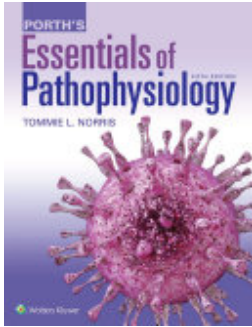
- 8. Develop lifelong wellness.

Course Prerequisites

BIOL 2320/2320 Human Anatomy/Lab and BIOL 2420/2425 Human Physiology/Lab with a passing grade of 78%/C+

Engagement Plan

- I will respond to email within 24-48 hours. I will offer feedback on major assignments within 7-10 days.. The best way to contact me is via the Canvas Inbox, as I will prioritize this email over other modes of communication.
- In this course I will be posting interactive announcements which will offer specific opportunities for class questions.
- Additionally, faculty will be participating in discussion forums with you to share perspectives within the discipline and to offer some nuances of interpretation that may not be present in your textbook.
- Lastly, we'll be holding small group Q & A sessions, where we can learn from our peers (and faculty) on some of the more difficult units within the course.

Required Text or Materials

Title: Porth's Essentials of Pathophysiology
ISBN: 9781975107208
Authors: Tommie Norris
Publisher: Lippincott Williams & Wilkins
Publication Date: 2019-10-17
Edition: 5th

For more information on textbook accessibility, contact Accessibility & Disability Services at ads@slcc.edu.

Brief Description of Assignments/Exams

EXAMS

1. There are three (3) MODULE examinations and one (1) comprehensive final examination.

2. See Canvas for exam schedule. Exams must be taken during the scheduled testing window for the section you are registered in. (During semesters with staggered testing times, students who register for one section of pathophysiology but attend another must take the test when their registered section is scheduled to take the exam).

3. Exams for both in-person and online sections will be scheduled in Canvas. All exams will be taken remotely (online) for both in-person and online sections. (Students who wish to take their exams in a testing center will need to make arrangements with the Course Lead Instructor a week prior to the test). Students must have the approved proctoring software installed on their computer.

4. The final exam will be given during the dates scheduled by the college (see course schedule in Canvas) and will be taken remotely (online). No exceptions will be granted to take the Final exam either early or late.

5. Exams must be taken during their scheduled testing window

a. Students are not permitted to take exams before the available date/time.

b. No time extensions will be granted for vacations, work, computer issues, etc.

c. Students may take the exams after the due date/time with a point deduction of 10% per day if approved by the instructor. (See Late Work and Testing section below).

d. Extensions without a point penalty may be granted for military obligations, jury duty, or Title IX situations with written proof that the obligation will prevent the student from completing the test for the full range of time it is available.

e. Prior exams will not be reviewed with students after the next scheduled exam is given. Any disputed questions must be reviewed with the instructor before the next exam is given. Credit for disputed questions will not be considered after the next exam is given.

f. Final exams are not reviewed with students.

6. Because of the large number of students registered for Pathophysiology it may not be possible for the instructor to review individual exam results with students unless the student did not receive a passing grade on the exam (less than 78%) AND has less than a 78% total score.

Quizzes

A quiz is given each week on canvas through respondus lockdown browser.

The questions will be based on the lecture material, student outlines, and supplemental resources posted in the modules.

      b. Students are not permitted to take quizzes before the available date/time.
      c. The lowest quiz score will be dropped automatically by Canvas. (some quizzes may not be eligible to be dropped).

There are NO make-up quizzes for any reason (including technical issues for online students).

Any disputed questions must be reviewed with the instructor before the next quiz is given. Credit for disputed questions will not be considered after the next quiz is given.

*NOTE: Although it is recognized that events of all kinds can arise that may prevent students from being able to take a quiz and not receive points, there are no make-up quiz

options. However, this course has been designed so that missing one quiz will not significantly affect the student's grade unless their overall score is marginal.

Technology Required: Refer to detailed information in the "Before You Begin" handout in the Orientation Module of Canvas. Also refer to "Getting Started Online" for all questions about online courses and technology requirements.
https://slcc.instructure.com/courses/297606/pages/getting-started-online

1. In-Person Sections: All quizzes will be taken remotely and proctored with Respondus, therefore, having access to a computer with a webcam/microphone is mandatory to take this class. Students may be able to check out a laptop computer from the SLCC Markosian Library on Taylorsville campus. See "Before You Begin" for more information.

1. Online Sections: All quizzes will be taken remotely and proctored with Respondus, therefore, having access to a computer with a webcam/microphone is mandatory to take this class. Students may be able to check out a laptop computer from the SLCC Markosian Library on Taylorsville campus. See "Before You Begin" for more information.

1. Asynchronous sections: All quizzes will be taken remotely and proctored with Respondus, therefore, having access to a computer with a webcam/microphone is mandatory to take this class. Students may be able to check out a laptop computer from the SLCC Markosian Library on Taylorsville campus. See "Before You Begin" for more information.

Minimum Computer Requirements for Online Students

1. Microphone: any microphone, either internal or external
2. Webcam: 320x240 VGA resolution (minimum) internal or external

3. Computer: Desktop or laptop computer (no iPads, tablets or phones are to be used) with the ability to install Respondus if needed.

4. High-speed internet

5. Free RAM: 2 GB

Students may be able to check out a laptop computer from the SLCC Markosian Library on Taylorsville campus.

Course Schedule: Posted in Canvas and updated as needed. Schedules are subject to change.

NOTE: A failure in NRSG 1230 IS NOT considered a failure in the Nursing Program prior to entry into first semester Nursing courses. If a student who is taking pathophysiology during their first semester of nursing does not pass, they cannot move forward to their second semester of nursing until they complete pathophysiology with a passing grade. Please reference the current SLCC Division of Nursing Student Nurse Handbook for details.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	ANY QUESTIONS about Pathophysiology ?	Discussion	0
	Introduce Yourself	Discussion	0
	Introduce Yourself	Discussion	0
	Roll Call Attendance	Assignment	100
	Study Groups	Discussion	0

Due Date	Assignment Name	Assignment Type	Points
	Study Tips and Good Ideas	Discussion	0
9/22/25	Module 1 Quiz - Disease and Cellular Response (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam	Quiz	10
9/28/25	Respondus Monitor - PRACTICE QUIZ * E X T R A * C R E D I T * - Requires Respondus LockDown Browser + Webcam	Quiz	0
9/28/25	Syllabus Signature Page Assignment	Assignment	5
9/29/25	Module 2 Quiz Spring - Cancer and Genetics (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam	Quiz	10
10/6/25	Module 3 Quiz - Integrative Body Functions (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam	Quiz	10

Due Date	Assignment Name	Assignment Type	Points
10/9/25	Exam 1 (for remote testing) - Requires Respondus LockDown Browser + Webcam	Quiz	70
10/13/25	Module 4 Quiz - Infectious Disease & Epidemiology (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam	Quiz	10
10/20/25	Module 5 Quiz - Hematology System (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam	Quiz	10
10/27/25	Module 6 Quiz - Cardiovascular System (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam	Quiz	10
10/30/25	Exam 2 (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam	Quiz	70

Due Date	Assignment Name	Assignment Type	Points
11/3/25	[Module 7 Quiz - Respiratory System (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam](#)	Quiz	10
11/10/25	[Module 8 Quiz - Renal System (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam](#)	Quiz	10
11/17/25	[Module 9 Quiz - Digestive and Billiary System (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam](#)	Quiz	10
11/20/25	[Exam 3 (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam](#)	Quiz	70
11/24/25	[Module 10 Quiz - Endocrine System (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam](#)	Quiz	10

Due Date	Assignment Name	Assignment Type	Points
12/1/25	RAAS Activity - Extra Credit Assignment	Assignment	0
12/8/25	Module 11 Quiz - Neurologic System (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam	Quiz	10
12/11/25	MOD 13 - Musculoskeletal System & Integumentary System - Home Study Quiz	Quiz	20
12/15/25	Patho Final Exam (Remotely Proctored) - Requires Respondus LockDown Browser + Webcam	Quiz	100

Grading Scale

NOTE: There are no labs or clinicals in Pathophysiology. Any references to labs/clinicals are only relevant to Nursing courses with a lab/clinical components, and do not apply to pathophysiology.

1. Two grading criteria must be met in all required nursing courses to be eligible to progress from one semester to the next semester and to graduate from the nursing program.

   1. A minimum score of 78% on all "proctored" testing (the average of exam and quiz scores - scores are not rounded).

2. An overall minimum grade of 78.0% in the class (scores are NOT rounded).

The 78% minimum requirement for proctored tests is determined by averaging together the weighted scores of proctored quizzes and exams. No single test is required to be at the minimum 78%, only the weighted average.

1. The proctored testing average score must meet the 78% minimum requirement before any other coursework can be added into the grade (i.e., assignments, class participation points, extra credit points, etc.). Extra credit points cannot be used to pass this course.

1. Proctored tests are defined as those taken in the Testing Center, or taken in the classroom with a teacher present, or taken online with the approved proctoring software application.

1. Grading is based on the scores of assignments and tests provided on the Canvas website or in class. Students are not permitted to receive extra assignments to improve their grade.

1. Grades are computed following a scale that is approved by Salt Lake Community College.

Nursing Department Grading Scale:

Scores are not rounded.

A 95-100

A- 90-94

B+ 87-89

B 83-86

B- 80-82

C+ 78-79*

C 75-77

C- 71-74

D+ 67-70

D 64-66

E Below 64

Grading Criteria:

- The final grade is determined from the TOTAL SCORE of all assignments, quizzes and exams combined as calculated in the Canvas gradebook for this course. The grade showing in the Canvas gradebook indicates the student's running total throughout the semester so students can see their current grade in the class at any time.

- The assessments for this course are weighted as follows:

Exams: 60%

Quizzes: 40%

Assignments: n/a

Academic Integrity

If you get up and leave at any point in a proctored quiz or exam you will receive a zero and failing grade in the course. Cheating will result in a failing grade in the course.

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the Institutional Syllabus page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the Institutional Syllabus page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to

access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)

Additional Policies

See the Canvas Course site for information on test dates, and due dates for required class work.

Late Work and Testing:

It is expected that students submit work and complete testing during mandatory dates and times. Late work and testing (exams) are not generally accepted since there is a testing window of time to allow flexibility for students to take their exams. If it is determined by the instructor and Course Lead instructor that an exam can be taken after the due date and time, a 10% per day (24 hour period) point reduction will be applied. NOTE: This does not apply to quizzes. No late quizzes are accepted for any reason (including technical issues for online students).

Calendar: See Canvas for information on test dates, quizzes and due dates for assignments.

Cheating: Cheating will NOT be tolerated. Please see the Student Code of Conduct and/or the Nursing Handbook for additional information.

Course Schedule: Posted in Canvas. Schedule subject to change.

Student Code of Conduct: The student is expected to follow the SLCC Student Code of Conduct found at https://www.slcc.edu/policies/policies/student_affairs/8.1.050.aspx

ADA Statement: http://www.slcc.edu/drc/index.aspx

- Students with medical, psychological, learning or other disabilities desiring accommodations or services under ADA, should contact the Accessibility and Disability Services (ADS).
- The ADS determines eligibility for and authorizes the provision of these accommodations and services for the college. Please contact the ADS at the Student Center, Suite 244, Redwood Campus, 4600 So. Redwood Rd, 84123. Phone: (801) 957-4659, TTY: 957-4646, Fax: 957- 4947 or by drc@slcc.edu.

Emergency Evacuation Procedures: in case of an emergency. http://i.slcc.edu/emergency-pr pare/emergency-procedures.aspx

Testing Center & Test integrity Policy

Whenever possible, Nursing course exams will be administered in the Jordan Campus Testing Center, including exams in online courses. In other words, do not assume that exams in online courses will be conducted remotely. (Note: Students registered in this course will take their exams online. Students may request to take their tests in the JHS Testing center. Testing appointments must be made at least two (2) business days in advance).

The Testing Center has policies and procedures that will be applied to every student and every test. Policies and procedures now include:

- Monitoring of student activity in the lobby areas outside the Testing Center.
- Random visual sweeps of the bathrooms in the Health Sciences Center. Found objects will be taken to the Lost and Found in the Student Center for student retrieval.

Changes related to pregnancy policies at the college

SLCC values inclusive learning environments and strives to make all aspects of the College accessible to our students. If you have a disability and believe you need accommodations to improve access to learning materials or the learning environment, please contact the Disability Resource Center:

Phone: 801-957-4659

Email: drc@slcc.edu Website: www.slcc.edu/drc.

Although pregnancy is not a disability, our DRC advisors are trained to assist with pregnancy related accommodations in addition to disability related accommodations. We strongly recommend any student who is pregnant or becomes pregnant while in the program notify the DRC. This will allow preventative measures to be taken, safety process in place to protect the student and the unborn child and allow for accommodations if they become necessary.

Due to risk of fetal exposure to radiation and chemicals while in the program it is strongly recommended that all pregnant students work closely with the DRC regardless of if accommodations are necessary.

Instructor Policy regarding providing references to students:

As faculty members, we receive a number of requests from students to provide them with references for college admissions, scholarships, internships, employment, etc.

Unfortunately, the time required to answer all these requests impacts regular teaching duties.

The reference requests usually ask that teachers provide validation of clinical skills, character references, or academic performance. As instructors of a theory-only course, we can merely state what grade a student earned in the Pathophysiology class, and this information is already available on the student's transcript. For these reasons, we will not be able to accommodate requests for student references. Thank you for your understanding. Pathophysiology instructors.

Appeals

School of Health Sciences

It is the goal of the School of Health Sciences to be forthright and consistent with specific academic policies throughout divisions and programs. This policy singularly addresses academic issues and the general principles for disciplinary actions as noted in the Student Code of Rights and Responsibilities Section III. It should be noted it is up to the faculty's discretion to provide warning (verbal or written), suspension, or dismissal based upon program policy and severity of the issue at hand. It is realized in some health sciences programs a failing grade, as stated in the syllabus and/or policy manual, may result in program dismissal.

https://www.slcc.edu/registrar/registration-appeals.aspx

Grading Criteria

Assignment: **Percentage**

Quizzes	40%
Exams	60%