

NURSING PATHOPHYSIOLOGY (RNSG 1311)

CREDIT

3 Semester Credit Hours (3 hours lecture, 1 hour lab) 64 Contact Hours

MODE OF INSTRUCTION

Hybrid

PREREQUISITE/CO-REQUISITE:

Prerequisite: Completion of all pre-requisites for the AASN Program; special permission to enroll in the course.

COURSE DESCRIPTION

Basic principles of pathophysiology emphasizing nursing applications. Includes epidemiologic factors that alter the normal physiological processes across the lifespan. This course lends itself to either a blocked or integrated approach.

COURSE OBJECTIVES/ COURSE MEASURABLE LEARNING OUTCOMES

Upon completion of this course, the student will be able to		End of Program Student Learning Outcome (EOP SLO)	Differentiated Essential Competency (DEC)
1.	*Discuss pathological changes in human tissue and systems.	2,3	PCC A1ab, B1,6,8, C6, E1ab, 5, F1,2
2.	*Relate the diagnosis, treatment modalities and potential outcomes of pathology.	4,5,6,7,8	PCC A1a,b,2b,8, B6, E1a,5, F2
3.	*Explain the significance of pathophysiology in professional nursing practice.	2,8	PCC A4, B4,6, E1ab, 5, F2
3.	Identify normal physiologic concepts and processes across the lifespan.	2,8	PCC 2b,D3a, E1a,b, F2
4.	Classify internal (genetic) and external (environmental) risk factors for pathophysiologic processes.	2,8	PCC A4, B4,6, E1ab, 5, F2
6.	Explain physiologic adaptation to pathophysiologic processes.	2,8	PCC A4, B4,6, E1ab, 5, F2
7.	Recognize manifestations of pathophysiologic and maladaptive processes.	2,8	PCC A4, B4,6, E1ab, 5, F2



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8.	Discuss short-term and long-term consequences of maladaptive responses to pathophysiologic processes.	2,8	PCC A4, B4,6, E1ab. 5, F2
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Note: * Indicates WECM End-of-Course Outcome.

INSTRUCTOR CONTACT INFORMATION

Instructor: Amy DuBose, MSN, RN
Email: adubose1@lit.edu
Office Phone: (409) 247-5229
Office Location: WAHTC 341
Office Hours: Tuesday 10:00 – 3:00

Instructor: Stacey Ojemeni, DNP, MJ, RN
Email: sojemeni@lit.edu
Office Phone: (409) 247-4926
Office Location: WAHTC 335
Office Hours: Tuesday, 9:30 a.m.–5:30 p.m.; Wednesday, 10:30–11:30 a.m. and 4:00–5:00 p.m.

REQUIRED TEXTBOOK AND MATERIALS

Huether, S., McCance, K., & Brashers, V. (2026). *Understanding Pathophysiology* (8th ed.). Elsevier Health Sciences (US).

Sherpath for Huether, S., McCance, K., & Brashers, V. (2026). *Understanding Pathophysiology* (8th ed.). Elsevier Health Sciences (US).

ATTENDANCE POLICY

Students are expected to attend all classroom, laboratory, and clinical experiences. Therefore, absences should not be scheduled. If a student experiences an unplanned absence (illness or emergency), the student must contact the course faculty member by email or the administrative associate for the nursing program prior to the scheduled class, laboratory, or clinical time and provide documentation of the absence. Failure to notify faculty and/or provide adequate documentation of the absence may result in an unexcused absence and initiation of the disciplinary process.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process by the specified date as listed in the College Calendar on the [Student Success](#) web page. If you stop coming to class and fail to drop the course, you will earn an “F” in the course.

OUTLINE

I. Pathophysiology Concepts

Approved: NPA/Jan 2026

- A. Cellular and tissue physiology
- B. Fluids and Electrolytes
- C. Acid-base Balance
- D. Genetic link to pathophysiology
- E. Genetics, Environment, and Lifestyle Interactions
- II. Immunity and Self-defense**
 - A. Innate
 - B. Adaptive
 - C. Maladaptive
 - D. Pathophysiology/ Infection
 - E. Genetics, Environment, and Lifestyle Interactions (stress)
- III. Cancer Concepts**
 - A. Cellular Proliferation and Differentiation
 - B. Metastasis
 - C. Genetics, Environment, and Lifestyle Interactions
 - D. Pathophysiology
 - E. Adaptation to pathophysiologic processes
 - F. Manifestations of pathophysiologic and maladaptive processes
 - G. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes
- IV. Neurologic System Alterations & Adaptation**
 - A. Normal physiology across the lifespan (review)
 - B. Genetics, Environment, and Lifestyle Interactions
 - C. Pathophysiology
 - D. Adaptation to pathophysiologic processes
 - E. Manifestations of pathophysiologic and maladaptive processes
 - F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes
- V. Endocrine System Alterations & Adaptation**
 - A. Normal physiology across the lifespan (review)
 - B. Genetics, Environment, and Lifestyle Interactions
 - C. Pathophysiology
 - D. Adaptation to pathophysiologic processes
 - E. Manifestations of pathophysiologic and maladaptive processes
 - F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes
- VI. Reproductive System Alterations & Adaptation**
 - A. Normal physiology across the lifespan (review)
 - B. Genetics, Environment, and Lifestyle Interactions
 - C. Pathophysiology
 - D. Adaptation to pathophysiologic processes
 - E. Manifestations of pathophysiologic and maladaptive processes
 - F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes

- VII. Hematologic System Alterations & Adaptation**
 - A. Normal physiology across the lifespan (review)
 - B. Genetics, Environment, and Lifestyle Interactions
 - C. Pathophysiology
 - D. Adaptation to pathophysiologic processes
 - E. Manifestations of pathophysiologic and maladaptive processes
 - F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes
- VIII. Cardiovascular and Lymphatic System Alterations & Adaptation**
 - A. Normal physiology across the lifespan (review)
 - B. Genetics, Environment, and Lifestyle Interactions
 - C. Pathophysiology
 - D. Adaptation to pathophysiologic processes
 - E. Manifestations of pathophysiologic and maladaptive processes
 - F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes
- IX. Pulmonary System Alterations & Adaptation**
 - A. Normal physiology across the lifespan (review)
 - B. Genetics, Environment, and Lifestyle Interactions
 - C. Pathophysiology
 - D. Adaptation to pathophysiologic processes
 - E. Manifestations of pathophysiologic and maladaptive processes
 - F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes
- X. Renal and Urologic System Alterations & Adaptation**
 - A. Normal physiology across the lifespan (review)
 - B. Genetics, Environment, and Lifestyle Interactions
 - C. Pathophysiology
 - D. Adaptation to pathophysiologic processes
 - E. Manifestations of pathophysiologic and maladaptive processes
 - F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes
- XI. Digestive System Alterations & Adaptation**
 - A. Normal physiology across the lifespan (review)
 - B. Genetics, Environment, and Lifestyle Interactions
 - C. Pathophysiology
 - D. Adaptation to pathophysiologic processes
 - E. Manifestations of pathophysiologic and maladaptive processes
 - F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes
- XII. Musculoskeletal System Alterations & Adaptation**
 - A. Normal physiology across the lifespan (review)
 - B. Genetics, Environment, and Lifestyle Interactions
 - C. Pathophysiology

- D. Adaptation to pathophysiologic processes
- E. Manifestations of pathophysiologic and maladaptive processes
- F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes

XIII. Integumentary System Alterations & Adaptation

- A. Normal physiology across the lifespan (review)
- B. Genetics, Environment, and Lifestyle Interactions
- C. Pathophysiology
- D. Adaptation to pathophysiologic processes
- E. Manifestations of pathophysiologic and maladaptive processes
- F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes

XIV. Multiple Interacting System Concepts

- A. Inflammation
- B. Adaptation to pathophysiologic processes
- C. Manifestations of pathophysiologic and maladaptive processes
- D. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes

COURSE CALENDAR

Didactic/Lecture (Online)

DATE	TOPIC	READINGS	ASSIGNMENTS:
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<i>Week 1</i> Aug. 27 Modules 1 (Independent Study) & 2 <i>DuBose</i> <i>Ojemeni</i>	I. Pathophysiology Concepts A. Cellular and tissue physiology (review) B. Genetic link to pathophysiology C. Genetics, Environment, and Lifestyle Interactions D. Fluids and Electrolytes E. Acid-base Balance II. Immunity and Self-defense A. Innate B. Adaptive C. Maladaptive D. Pathophysiology/ Infection E. Genetics, Environment, and Lifestyle Interactions (stress)	Understanding Pathophysiology (2026); Chapters 1 (Anatomy Review), 2, 4, & 5) Review Module 1: Pathophysiology Concept Slides Recommended: Sherpath Lesson(s) for Chapters 1,2, 4 & 5 DUE: INDEPENDENT STUDY Understanding Pathophysiology (2026); Chapter(s) 6-10 Review Module 2: Immunity and Self Defense Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 6-10.	Syllabus Quiz (Due 8-27-26 @ 1159PM) Module 1 Pre-Lab Quiz (Due 8-26-26 @ 1159PM) Module 2 Pre-Lab Quiz (Due 8-26-26 @ 1159PM)
<i>Week 2</i> Sept. 3 Module 3 <i>DuBose</i>	III. Integumentary System A. A. Normal physiology across the lifespan (review) B. Genetics, Environment, and Lifestyle Interactions C. Pathophysiology D. Adaptation to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 43-44 Review Module Slides DUE: before lab Recommended:	Module 3 Pre-Lab Quiz (Due 9-2-26 @ 1159 PM)

	E. Manifestations of pathophysiologic and maladaptive processes F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Sherpath Lesson(s) for Chapters 43-44	
<i>Week 3</i> <i>Sept. 10</i> Module 4 <i>Ojemeni</i>	IV. Neurologic System a. Normal physiology across the lifespan (review) b. Genetic and environmental risk factors for pathophysiologic processes c. Pathophysiology d. Adaptation to pathophysiologic processes E. Manifestations of pathophysiologic and maladaptive processes F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 13-18 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 13-18	Module 4 Pre-Lab Quiz (Due 9-9-26 @1159 PM)
ACTIVE LEARNING ACTIVITY #1 (IN CLASS) GRADED IN BLACKBOARD			
<i>Week 4: 9-17-26</i> Exam 1 (Modules 1 – 4) – On Campus (See Lab Schedule)			

<i>Week 5</i> <i>9-24-26</i> Module 5 <i>Breaux</i>	V. Cancer and Hematology A. Cellular Proliferation and Differentiation B. Metastasis C. Normal physiology across the lifespan (review) D. Genetics, Environment, and Lifestyle Interactions E. Pathophysiology F. Adaptation to pathophysiologic processes G. Manifestations of pathophysiologic and maladaptive processes H. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 11-13, 22-24 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s): Chapter(s) 11-13, 22-24	Module 5 Pre-Lab Quiz (Due 9-23-26 @1159 PM)
<i>Week 6</i> <i>10-1-26</i> Module 6 <i>Ojemeni</i>	VI. Renal and Digestive System A. Normal physiology across the lifespan (review) B. Genetics, Environment, and Lifestyle Interactions C. Pathophysiology D. Adaptation to pathophysiologic processes E. Manifestations of pathophysiologic and maladaptive processes F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 32-33, 38-39 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s) for 32-33, 38-39	Module 6 Pre-Lab Quiz (Due 09-30-26 @ 1159 PM)

<i>Week 7</i> <i>10-8-26</i> Module 7 <i>DuBose</i>	VII. Reproductive System A. Normal physiology across the lifespan (review) B. Genetics, Environment, and Lifestyle Interactions C. Pathophysiology Adaptation to pathophysiologic processes D. Manifestations of pathophysiologic and maladaptive processes E. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 35-36 Review Module Slides DUE: before class Recommended: Sherpath Lesson(s) for Chapters 35-36	Module 7 Pre-Lab Quiz (Due 10-7-26 @ 1159 pm)
ACTIVE LEARNING ACTIVITY #2 (IN CLASS) GRADED IN BLACKBOARD			
<i>Week 8: Oct. 15</i> Exam 2 (Modules 5-7) – On Campus (See Lab Schedule)			
<i>Week 9</i> <i>10-22-26</i> Module 8 <i>Breaux</i>	VIII. Endocrine System Alterations A. Normal physiology across the lifespan (review) B. Genetics, Environment, and Lifestyle Interactions C. Pathophysiology D. Adaptation to pathophysiologic processes E. Manifestations of pathophysiologic and maladaptive processes F. Short-term and long-term consequences of maladaptive responses to	Understanding Pathophysiology (2026); Chapter(s) 19-21 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 19-21	Module 8 Pre-Lab Quiz (Due 10-21-26 @ 1159 PM)

	pathophysiologic processes		
<i>Week 10</i> <i>Oct. 29</i> Module 9 <i>DuBose</i>	IX. Pulmonary System A. Normal physiology across the lifespan (review) B. Normal physiology across the lifespan (review) C. Genetics, Environment, and Lifestyle Interactions D. Pathophysiology E. Adaptation to pathophysiologic processes F. Manifestations of pathophysiologic and maladaptive processes G. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 29-30 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 29-30	Module 9 Pre-Lab Quiz (Due 10-28-26 @ 1159 PM)

<i>Week 11</i> <i>Nov. 5</i> Module 10 <i>Ojemeni</i>	X. Musculoskeletal System A. Normal physiology across the lifespan (review) B. Genetics, Environment, and Lifestyle Interactions C. Pathophysiology D. Adaptation to pathophysiologic processes E. Manifestations of pathophysiologic and maladaptive processes F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 41-42 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 41-42	Module 10 Pre-Lab Quiz (Due 11-4-26 @ 1159 PM)
ACTIVE LEARNING ACTIVITY #3 (IN CLASS) GRADED IN BLACKBOARD			
<i>Week 12: Nov. 12</i> Exam 3 (Modules 8-10) – On Campus (See Lab Schedule)			
<i>Week 13</i> <i>Nov. 19</i> Module 11 <i>Breaux</i>	XI. Cardiovascular and Lymphatic System Alterations A. Normal physiology across the lifespan (review) B. Genetics, Environment, and Lifestyle Interactions C. Pathophysiology D. Adaptation to pathophysiologic process.	Understanding Pathophysiology (2026); Chapter(s) 26-27 Review Module Slides DUE: before lab	Module 11 Pre-Lab Quiz (Due 11-18-26 @ 1159 PM)

	E. Manifestations of pathophysiologic and maladaptive processes F. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Recommended: Sherpath Lesson(s) for Chapters 26-27	
<i>Week 15: Thanksgiving Break</i>			
Week 16: Dec. 3 @ 1:00pm Comprehensive Final Exam – On Campus (See Lab Schedule)			

Lab Schedule (Face-to-Face)

Approved: NPA/Jan 2026

DATE	TOPIC	READINGS	ASSIGNMENTS:
<i>Week 1</i> Aug. 27 Modules 1 (Independent Study) & 2	III. Pathophysiology Concepts F. Cellular and tissue physiology (review) G. Genetic link to pathophysiology H. Genetics, Environment, and Lifestyle Interactions I. Fluids and Electrolytes J. Acid-base Balance IV. Immunity and Self-defense F. Innate G. Adaptive H. Maladaptive I. Pathophysiology/ Infection J. Genetics, Environment, and Lifestyle Interactions (stress)	Understanding Pathophysiology (2026); Chapters 1 (Anatomy Review), 2, 4, & 5) Review Module 1: Pathophysiology Concept Slides Recommended: Sherpath Lesson(s) for Chapters 1,2, 4 & 5 DUE: INDEPENDENT STUDY Understanding Pathophysiology (2026); Chapter(s) 6-10 Review Module 2: Immunity and Self Defense Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 6-10.	Syllabus Quiz (Due 8-30-26 @ 1159PM) Module 1 Post-Lab Quiz (Due 8-30-26 @ 1159PM) Module 2 Post-Lab Quiz (Due 8-30-26 @ 1159PM) In-class discussion Group Activities
<i>Week 2</i> Sept. 3 Module 3	III. Integumentary System G. A. Normal physiology across the lifespan (review) H. Genetics, Environment, and Lifestyle Interactions	Understanding Pathophysiology (2026); Chapter(s) 43-44 Review Module Slides	Module 3 Post-Lab Quiz (Due 9-6-26 @ 1159 PM) In-class discussion Group Activities

	I. Pathophysiology J. Adaptation to pathophysiologic processes K. Manifestations of pathophysiologic and maladaptive processes L. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 43-44	
<i>Week 3</i> <i>Sept. 10</i> Module 4	IV. Neurologic System a. Normal physiology across the lifespan (review) b. Genetic and environmental risk factors for pathophysiologic processes c. Pathophysiology d. Adaptation to pathophysiologic processes G. Manifestations of pathophysiologic and maladaptive processes H. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 13-18 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 13-18	Module 4 Post-Lab Quiz (Due 9-13-26 @1159 PM) In-class discussion Group Activities

<i>Week 4: 9-17-26 @ 10:00 AM</i> Exam 1 (Modules 1 – 4) – On Campus (See Exam Blueprint)			
<i>Week 5</i> <i>9-24-26</i> Module 5	V. Cancer and Hematology I. Cellular Proliferation and Differentiation J. Metastasis K. Normal physiology across the lifespan (review) L. Genetics, Environment, and Lifestyle Interactions M. Pathophysiology N. Adaptation to pathophysiologic processes O. Manifestations of pathophysiologic and maladaptive processes P. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 11-13, 22-24 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s): Chapter(s) 11-13, 22-24	Module 5 Post-Lab Quiz (Due 9-27-26 @1159 PM) In-class discussion Group Activities
<i>Week 6</i> <i>10-1-26</i> Module 6	VI. Renal and Digestive System G. Normal physiology across the lifespan (review) H. Genetics, Environment, and Lifestyle Interactions I. Pathophysiology J. Adaptation to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 32-33, 38-39 Review Module Slides DUE: before lab Recommended:	Module 6 Post-Lab Quiz (Due 10-4-26 @ 1159 PM) In-class discussion Group Activities

	K. Manifestations of pathophysiologic and maladaptive processes L. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Sherpath Lesson(s) for 32-33, 38-39	
<i>Week 7</i> <i>10-8-26</i> Module 7	VII. Reproductive System A. Normal physiology across the lifespan (review) B. Genetics, Environment, and Lifestyle Interactions C. Pathophysiologic Adaptation to pathophysiologic processes D. Manifestations of pathophysiologic and maladaptive processes E. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 35-36 Review Module Slides DUE: before class Recommended: Sherpath Lesson(s) for Chapters 35-36	Module 7 Post-Lab Quiz (Due 10-11-26 @ 1159 pm) In-class discussion Group Activities
<i>Week 8: Oct. 15 @ 10:00 AM</i> Exam 2 (Modules 5-7) – On Campus (See exam Blueprint)			
<i>Week 9</i> <i>10-22-26</i> Module 8	VIII. Endocrine System Alterations G. Normal physiology across the lifespan (review) H. Genetics, Environment, and Lifestyle Interactions I. Pathophysiology	Understanding Pathophysiology (2026); Chapter(s) 19-21 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 19-21	Module 8 Post-Lab Quiz (Due 10-25-26 @ 1159 PM) In-class discussion Group Activities

	J. Adaptation to pathophysiologic processes K. Manifestations of pathophysiologic and maladaptive processes L. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes		
<i>Week 10</i> <i>Oct. 29</i> Module 9	IX. Pulmonary System H. Normal physiology across the lifespan (review) I. Normal physiology across the lifespan (review) J. Genetics, Environment, and Lifestyle Interactions K. Pathophysiology L. Adaptation to pathophysiologic processes M. Manifestations of pathophysiologic and maladaptive processes N. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 29-30 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 29-30	Module 9 Post-Lab Quiz (Due 11-1-26 @ 1159 PM)

<i>Week 11</i> <i>Nov. 5</i> Module 10	X. Musculoskeletal System G. Normal physiology across the lifespan (review) H. Genetics, Environment, and Lifestyle Interactions I. Pathophysiology J. Adaptation to pathophysiologic processes K. Manifestations of pathophysiologic and maladaptive processes L. Short-term and long-term consequences of maladaptive responses to pathophysiologic processes	Understanding Pathophysiology (2026); Chapter(s) 41-42 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 41-42	Module 10 Post-Lab Quiz (Due 11-8-26 @ 1159 PM)
<i>Week 12: Nov. 12 @ 10:00 AM</i> Exam 3 (Modules 8-10) – On Campus (See Exam Blueprint)			
<i>Week 13</i> <i>Nov. 19</i> Module 11	XI. Cardiovascular and Lymphatic System Alterations A. Normal physiology across the lifespan (review) B. Genetics, Environment, and Lifestyle Interactions C. Pathophysiology D. Adaptation to pathophysiologic process. E. Manifestations of pathophysiologic and maladaptive processes F. Short-term and long-term consequences of	Understanding Pathophysiology (2026); Chapter(s) 26-27 Review Module Slides DUE: before lab Recommended: Sherpath Lesson(s) for Chapters 26-27	Module 11 Post-Lab Quiz (Due 11-22-26 @ 1159 PM)

	maladaptive responses to pathophysiologic processes		
<i>Week 15: Thanksgiving Break</i>			
Week 16: Dec. 3 @ 12:30pm Comprehensive Final Exam – On Campus (See Exam Blueprint)			

TEACHING STRATEGIES

Concept-Based Teaching

Concept Mapping

Case Studies and Clinical Judgment Application

Group Active Learning and Reflective Activities

Faculty-Guided Discussion

Peer Teaching

Multimedia and Technology

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

Evaluation Method	Course Grade %
1. *Pre-lab Quizzes	5%
2. *Post-lab Quizzes	5%
3. *Active Learning Activities (Total of 3)	5%
4. Exam I	20%
5. Exam II	20%
6. Exam III	20%
7. Comprehensive Final Exam	25%
Total:	100%

Note: Students must have a 75% average on exams for the Post-lecture Quizzes and Blackboard Ultra Assignments to be counted in the final course grade. If 75% on all exams is not achieved by the end of the course, the student will earn the grade from all averaged exams.

GRADE SCALE

90-100 A

80-89 B

75-79 C *Required to progress in nursing program.

60-74 D

0-59 F

TECHNICAL REQUIREMENTS

For the latest technical requirements, including hardware, compatible browsers, operating systems, etc., review the Minimum Computer and Equipment Requirements on the [LIT Online Experience](#) page. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email specialpopulations@lit.edu. You may also visit the online resource at [Special Populations - Lamar Institute of Technology \(lit.edu\)](#).

STUDENT CODE OF CONDUCT STATEMENT

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

ARTIFICIAL INTELLIGENCE STATEMENT

Lamar Institute of Technology (LIT) recognizes the recent advances in Artificial Intelligence (AI), such as ChatGPT, have changed the landscape of many career disciplines and will impact many students in and out of the classroom. To prepare students for their selected careers, LIT desires to guide students in the ethical use of these technologies and incorporate AI into classroom instruction and assignments appropriately. Appropriate use of these technologies is at the discretion of the instructor. Students are reminded that all submitted work must be their own original work unless otherwise specified. Students should contact their instructor with any questions as to the acceptable use of AI/ChatGPT in their courses.

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and

you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

ADDITIONAL COURSE POLICIES/INFORMATION

COURSE GRADING AND ASSIGNMENTS

Class attendance and satisfactory completion of all assignments is essential in order to be successful in the course.

ACADEMIC DISHONESTY

Students enrolled in the nursing program at LIT must maintain academic and behavioral expectations consistent with the profession of nursing and in accordance with the nursing program Student Handbook. Standards of *nursing practice include (but are not limited to) behaviors indicating honesty, accountability, trustworthiness, reliability, and integrity*. The inability of a student to consistently conform his/her/their conduct to requirements of the Nursing Practice Act and BON rules and regulations through a single incident or pattern of personal, academic, or other unacceptable behaviors will result in the disciplinary process. The disciplinary process may include verbal counseling, written counseling, and or dismissal from the nursing program.

AI IN NURSING COURSES

Students are expected to follow course assignment instructions and grading rubrics. Unless otherwise indicated in the assignment instructions, information obtained through AI resources should not be submitted as a student's original work. Unless specifically granted by individual faculty members, **students do not have permission to upload faculty intellectual property** (PowerPoint Presentations, lecture notes, assignments, course materials, voice or lecture recordings) to any AI platform. Students demonstrating these behaviors or other inappropriate use of AI may be subject to disciplinary process.

SHERPATH LESSONS

Sherpath lessons accompany the pathophysiology textbook and are accessed through the Evolve website using the student login and are linked to the Blackboard® course. These lessons are highly recommended to reinforce student learning and facilitate review of content.

BLACKBOARD ULTRA DISCUSSION ASSIGNMENTS

Three Blackboard Ultra assignments aligned with the pathophysiology course content will be administered through the Blackboard Discussion platform. Each assignment includes an accompanying rubric, which is available within the assignment details. These discussions are designed to reinforce and enhance student learning through application and critical analysis of course concepts.

For each discussion assignment, students are required to submit an initial post by the specified due date and to respond to a minimum of two peers by the corresponding response due date. Peer responses must address topics different from the student's initial post.

Completion of the initial post and all required peer responses by their respective due dates is necessary in order to receive a grade for the discussion assignment.

All discussion entries, including initial posts and peer responses, must be supported by current evidence-based sources and formatted in accordance with APA guidelines.

Grades earned on Blackboard Discussion assignments will be calculated into the overall course average only after the student has achieved a minimum average score of 75% across all examinations.

PRE-LAB QUIZZES

A pre-lab quiz will be administered through Blackboard prior to the corresponding laboratory session for each learning module. These quizzes are designed to promote student preparedness and facilitate comprehension and application of laboratory and course content. Students may utilize their textbook and/or personal notes while completing the quiz. Each quiz is limited to one attempt. Late submissions will not be accepted after the posted due date.

Grades earned on pre-lab quizzes will be calculated into the overall course average only after the student has achieved a minimum average score of 75% across all examinations.

POST-LAB QUIZZES

A post-lab quiz will be administered through Blackboard at the conclusion of each learning module. These quizzes are designed to assess comprehension and application of laboratory and course content. Students may utilize their textbook and/or personal notes while completing the quiz. Each quiz is limited to one attempt. Late submissions will not be accepted after the posted due date.

Grades earned on post-lab quizzes will be calculated into the overall course average only after the student has achieved a minimum average score of 75% across all examinations.

COURSE EXAMS

Three unit exams and a comprehensive final exam will be administered during this course. Exams will be taken in person and during class time. Upon entry to the testing room, students must show the official LIT Student ID. The ID must always remain visible on the student's desk during exam administration. The following items are not allowed in the testing room:

- Hats, caps, scarfs, hooded shirts (unless religious covering)
- Food, candy, drinks
- Cell phone, electronic devices, smart watches, smart glasses, recording devices

LATE ASSIGNMENTS

Late assignments are generally not accepted in this course. Due dates for assignments are clearly marked on the syllabus and known at the beginning of the course. Students who are absent and document excused extenuating circumstances prior (i.e. severe illness or natural disaster) must notify the faculty member of the circumstance prior to class and work collaboratively with faculty prior to the due date on the assignment to develop a plan for submitting the assignment. This collaboration should occur prior to the weekend or school holiday. Assignments will not be accepted late without prior arrangements. All exams are taken in person. Students who are sick on exam day must notify faculty by email prior to the exam start time. Valid documentation must be provided to the faculty member in order for arrangements to be made for retaking the exam or an alternate solution as determined by the Nursing Program Director.

PERMISSION TO RECORD LECTURES

Students are not allowed to record (audio or video) lectures or class discussions without the expressed permission of the faculty member. This includes pictures of presentations.

CIVILITY

Learning can be an intimidating experience for some students. It is imperative that students in the AASN program are respectful and civil to student colleagues as well as faculty in order to facilitate a safe and effective learning environment. It is imperative for students to realize that all students do not process information in the same manner or learn information in the same way. The AASN program faculty respect the diversity of our students, which includes diversity of learning styles. Civility is maintained when there is order, respect for the teaching and learning process, empathy, and consideration for others. Students are expected to demonstrate civility in the classroom, online environment, and in all face-to-face as well as electronic communications. Demonstrations of uncivil behavior are unacceptable, do not demonstrate attributes of a professional nurse, and may result in initiation of the disciplinary process including but not limited to the student being excused from the experience, course, and potentially the nursing program.

CALCULATE YOUR GRADE

GRADE	X	PERCENT	=	GRADE POINTS
EXAM 1	X	0.20 (20%)	=	
EXAM 2	X	0.20 (20%)	=	
EXAM 3	X	0.20 (20%)	=	
FINAL	X	0.25 (25%)	=	
			TOTAL POINTS =	
			<i>DIVIDE BY 0.85 (85%)</i>	

			<i>FINAL WEIGHTED EXAM GRADE</i>	
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