

Note:

Course content may be changed, term to term, without notice. The information below is provided as a guide for course selection and is not binding in any form, and should not be used to purchase course materials.

COURSE SYLLABUS

NURS 215

PATHOPHYSIOLOGY

COURSE DESCRIPTION

The focus of this course is on physiological changes resulting from imbalances in the man-environment interaction throughout the life span. The emphasis is on application of general concepts of adaptation and homeostasis to each of the body's systems and on relationship of these concepts to the practice of clinical nursing. The course provides the student with a scientific knowledge base applicable to the more advanced clinical practice of nursing.

RATIONALE

The professional nurse is called upon to make patient care decisions based on interpretation and integration of physiological data. This course serves as an introduction to basic pathophysiologic mechanisms and manifestations of disease.

I. PREREQUISITE

For information regarding prerequisites for this course, please refer to the [Academic Course Catalog](#).

II. REQUIRED RESOURCE PURCHASE

Click on the following link to view the required resource(s) for the term in which you are registered: <http://bookstore.mbsdirect.net/liberty.htm>

III. ADDITIONAL MATERIALS FOR LEARNING

- A. Computer with basic audio/video output equipment
- B. Internet access (broadband recommended)
- C. Microsoft Word
- D. Grossman, S., & Porth C. M. (2014). *Study guide to accompany Porth's pathophysiology: Concepts of altered health states* (9th ed.). Philadelphia, PA: Lippincott-Raven Publishers.

IV. MEASURABLE LEARNING OUTCOMES

Upon successful completion of this course, the student will be able to:

- A. Integrate the basic principles of homeostasis with the body's changes related to the stress response and pathophysiologic conditions seen in the different anatomical systems.

- B. Explain the role of specified body systems and mechanisms in maintenance of acid-base, fluid, and electrolyte balance and pathophysiological conditions.
- C. Assess the pathophysiologic mechanism and the body's adaptive responses to disturbances in oxygenation, circulation, neurological function, pain, immune, and inflammatory responses.
- D. Analyze the function of major hormones involved in maintenance of normal and abnormal physiologic function.
- E. Evaluate the occurrences in pathophysiological conditions and health related ethical concerns with biblical principles of God's creation and design of mankind.

V. COURSE REQUIREMENTS AND ASSIGNMENTS

- A. Textbook readings and lecture presentations/notes
- B. Course Requirements Checklist

After reading the Course Syllabus and [Student Expectations](#), the student will complete the related checklist found in Module/Week 1.

- C. Discussion Board Forums (4)

Discussion boards are collaborative learning experiences. Therefore, the student is required to provide a thread in response to the provided prompt for each forum. Each thread must be at least 300 words and demonstrate course-related knowledge. In addition to the thread, the student is required to reply to 2 other classmates' threads. Each reply must be at least 150 words.

- D. Research Paper

The student will write a 10–12-page research-based paper in current APA format that focuses on the pathophysiology of a disease of interest. The disease chosen must be one covered in Modules/Weeks 1–8. The paper must include at least 5 peer-reviewed references (published within the last 10 years), including the course textbook. The Research Paper will be completed and submitted in 3 separate parts.

Part 1

For Part 1 of the Research Paper, the student will choose a disease of interest covered in this course and a topic that will impact their current practice. The student will create a title page and write an abstract of 150–250 words. Current APA formatting must be used in all parts of this assignment.

Part 2

For Part 2 of the Research Paper, the student will utilize feedback they received from their instructor on Part 1 of their Research Paper, and will submit their corrected title page and revised abstract of 150–250 words. Additionally, the student must submit a reference page citing 5–7 peer-reviewed sources (published within the last 10 years), including the textbook, for instructor feedback. Current APA formatting must be used in all parts of this assignment.

Part 3

For Part 3 of the Research Paper, the student will submit the 10–12-page body of the Research Paper, the Final Draft must include a title page, abstract, and a reference page with 5–7 references, which the student previously corrected based on instructor feedback. Current APA formatting must be used in all parts of this assignment.

Although not required, the student may submit Part 3 to a SafeAssign draft link available if they would like to check your work for plagiarism.

E. Health Education Brochure

The student is required to submit a health education brochure. The disease chosen must be one covered in Modules/Weeks 1–8. The student must complete the assignment in current APA format and cite at least 5 peer-reviewed references (published within the last 10 years).

F. Exams (4)

Each exam will cover the Reading & Study material for the modules/weeks in which it is assigned. Each exam will be open-book/open-notes, contain 50 multiple-choice questions, and have a 2-hour time limit. Each exam may be taken twice.

VI. COURSE GRADING AND POLICIES

A. Points

Course Requirements Checklist	10
Discussion Board Forums (4 at 40 pts ea)	160
Research Paper	
Part 1	40
Part 2	100
Part 3	200
Health Education Brochure	100
Exams (4 at 100 pts ea)	400
Total	1010

B. Scale

A = 900–1010 B = 800–899 C = 700–799 D = 600–699 F = 0–599

C. Disability Assistance

Students with a documented disability may contact Liberty University Online's Office of Disability Academic Support (ODAS) at LUOODAS@liberty.edu to make arrangements for academic accommodations. Further information can be found at www.liberty.edu/disabilitysupport.

COURSE SCHEDULE

NURS 215

Textbook: Grossman & Porth, *Porth's Pathophysiology* (2014).

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	POINTS
1	Grossman & Porth: chs. 4–5, 8 1 presentation	Course Requirements Checklist Class Introductions DB Forum 1	10 0 40
2	Grossman & Porth: chs. 9, 48–49 1 presentation 1 presentation note	Research Paper Part 1 Exam 1	40 100
3	Grossman & Porth: chs. 13–16 1 presentation	DB Forum 2 Exam 2	40 100
4	Grossman & Porth: chs. 17–18, 20–21 1 presentation	Health Education Brochure	100
5	Grossman & Porth: chs. 39–41 1 presentation	Research Paper Part 2	100
6	Grossman & Porth: chs. 30–32, 34 1 presentation	DB Forum 3 Exam 3	40 100
7	Grossman & Porth: chs. 35–37 1 presentation 1 presentation note	Research Paper Part 3	200
8	Grossman & Porth: chs. 25–28 1 presentation	DB Forum 4 Exam 4	40 100
TOTAL			1010

DB = Discussion Board

NOTE: Each course module/week (except Module/Week 1) begins on Tuesday morning at 12:00 a.m. (ET) and ends on Monday night at 11:59 p.m. (ET). The final module/week ends at 11:59 p.m. (ET) on **Friday**.