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. PREREQUISITES
BIOL 211; NURS 220; RN License in good standing

II. REQUIRED RESOURCE PURCHASES
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
   (Microsoft Office is available at a special discount to Liberty University students.)

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. 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.

E. 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, including the course textbook.

F. Exams (4)

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

VI. COURSE GRADING AND POLICIES

A. Points

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Requirements Checklist</td>
<td>10</td>
</tr>
<tr>
<td>Discussion Board Forums (4 at 70 pts ea)</td>
<td>280</td>
</tr>
<tr>
<td>Health Education Brochure</td>
<td>110</td>
</tr>
<tr>
<td>Research Paper</td>
<td></td>
</tr>
<tr>
<td>Part 1: Title Page and Abstract</td>
<td>40</td>
</tr>
</tbody>
</table>
Part 2: Corrected Title Page and Abstract (With Reference Page) 60
Part 3: Final Draft 110
Exam 1 (Modules 1–2) 100
Exam 2 (Module 3) 100
Exam 3 (Modules 4–6) 100
Exam 4 (Modules 7–8) 100
Total 1010

B. Scale
A = 930–1010  B = 850–929  C = 770–849  D = 680–769  F = 0–679

C. Late Assignment Policy
If the student is unable to complete an assignment on time, then he or she must contact the instructor immediately by email.

Assignments that are submitted after the due date without prior approval from the instructor will receive the following deductions:

1. Late assignments submitted within one week of the due date will receive a 10% deduction.
2. Assignments submitted more than one week late will receive a 20% deduction.
3. Assignments submitted two weeks late or after the final date of the class will not be accepted.
4. Late Discussion Board threads or replies will not be accepted.

Special circumstances (e.g. death in the family, personal health issues) will be reviewed by the instructor on a case-by-case basis.

D. 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**


<table>
<thead>
<tr>
<th>Module/Week</th>
<th>Reading &amp; Study</th>
<th>Assignments</th>
<th>Points</th>
</tr>
</thead>
</table>
| 1           | Grossman & Porth: chs. 4–5, 8  
1 presentation | Course Requirements Checklist  
Class Introductions  
DB Forum 1 | 10  
0  
70 |
| 2           | Grossman & Porth: chs. 9, 48–49  
1 presentation | Research Paper Part 1  
Exam 1 | 40  
100 |
| 3           | Grossman & Porth: chs. 13–16  
1 presentation | DB Forum 2  
Exam 2 | 70  
100 |
| 4           | Grossman & Porth: chs. 17–18,  
20–21  
1 presentation | Health Education Brochure | 110 |
| 5           | Grossman & Porth: chs. 39–41  
1 presentation | Research Paper Part 2 | 60 |
1 presentation | DB Forum 3  
Exam 3 | 70  
100 |
| 7           | Grossman & Porth: chs. 35–37  
1 presentation | Research Paper Part 3 | 110 |
1 presentation | DB Forum 4  
Exam 4 | 70  
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**.