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
HLTH 222
APPLIED HUMAN ANATOMY AND PHYSIOLOGY II

COURSE DESCRIPTION
A continuation of HLTH 221 that examines the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course will employ virtual interactive cadaver dissection technology. The following topics are covered: introduction to nutrition; the digestive system; the urinary system; the skin; resistance and immunity; the musculoskeletal system; introduction to genetics; and the reproductive systems. (Formerly HLTH 202)

RATIONALE
The purpose of this course is to assist the student in gaining knowledge of God’s most amazing creation: the human body. Being familiar with the major structures and the physiological operation of these structures will help provide an educational foundation to work in a future health-related field. In addition, this course will improve the student’s ability to communicate with other individuals working in health-related fields.

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 Office

IV. MEASURABLE LEARNING OUTCOMES
Upon successful completion of this course, the student will be able to:
A. List the component structures (anatomy) of each of the following: digestive and urinary systems, integumentary and immune systems, musculoskeletal system, and the reproductive system.
B. Describe the function (physiology) of each of the following: digestive and urinary systems, integumentary and immune systems, musculoskeletal system, and the reproductive system.

C. Enumerate several disease conditions (pathology) associated with each of the following: digestive and urinary systems, integumentary and immune systems, musculoskeletal system, and the reproductive system.

D. Analyze the Christian worldview vs. secular worldviews on the topic of human stem cell use for the treatment of disease.

V. COURSE REQUIREMENTS AND ASSIGNMENTS

A. Textbook readings and lecture presentations

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 (2)

Discussion Boards are collaborative learning experiences. Therefore, the student is required to create a thread in response to the provided prompt for each forum. Each thread must be at least 350 words and demonstrate course-related knowledge. The student must cite at least 1 scientific reference in his or her thread to support his or her position. In addition to the thread, the student is required to reply to 1 other classmate’s thread. Each reply must be at least 150 words.

D. Workbook Assignments (5)

The student will complete workbook assignments using the Anatomy & Physiology Revealed resources.

E. Disorder or Disease Presentation

This assignment will be completed in 2 parts:

1. Disorder or Disease Presentation Topic Submission

   The student will submit a Word document with the presentation topic and a reference list of at least 3 peer-reviewed references in current APA format. A paragraph explaining why that topic was chosen and at least 2 areas of intended exploration must be included.

2. Disorder or Disease Presentation

   The student will create a 15-slide presentation that focuses on a disorder or disease process from the musculoskeletal system. The presentation must include at least 3 peer-reviewed references in current APA format in addition to the course textbooks and the Bible.

F. Exams (5)

Each exam will cover the Reading & Study material for the module/week in which it is assigned as well as the prior module/week, except Exams 3 and 4,
which will only cover the material for the modules/weeks in which they are assigned. Each exam will be open-book/open-notes and contain 50–60 multiple-choice, true/false, and matching questions. Exams 1, 2, and 4 will each have 1 essay question. Each exam will have a 1-hour and 10-minute time limit.

VI. COURSE GRADING AND POLICIES

A. Points

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>Course Requirements Checklist</td>
<td>10</td>
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<tr>
<td>Discussion Board Forums (2 at 90 pts ea)</td>
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<tr>
<td>Workbook Assignments (2 at 20 pts ea, 3 at 40 pts ea)</td>
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<tr>
<td>Disorder or Disease Presentation</td>
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<td>Disorder or Disease Presentation Topic Submission</td>
<td>25</td>
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<tr>
<td>Disorder or Disease Presentation</td>
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<td>Exams (5 at 100 pts ea)</td>
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<td><strong>Total</strong></td>
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B. Scale

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

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 course 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.

VII. BIBLIOGRAPHY


# COURSE SCHEDULE

**HLTH 222**


<table>
<thead>
<tr>
<th>MODULE/WEEK</th>
<th>READING &amp; STUDY</th>
<th>ASSIGNMENTS</th>
<th>POINTS</th>
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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**.