BIOL 2402 section 21002 Human Anatomy and Physiology II

Instructors, Rooms, Meeting Times, Contact Information
Lecture & Lab Instructor: David Cameron
Preferred contact: email dcameron@dcccd.edu
(emails answered within 24-48 hrs usually)
Office hours: Please email in advance for appointment

Lecture: TR 9:00 AM - 10:20 AM room X2004
Lab: T 10:30 AM - 1:10 PM room: X2028
Biology Resource Lab (BRC) Schedule TBA room: X2030

Course Description and Prerequisites required
BIOL 2402 Human Anatomy and Physiology II This is a Texas Common Course Number. This is a Core Curriculum course selected by the colleges of DCCCD. Coordinating Board Academic Approval Number 2607075103

Prerequisite: BIOL 2401. One of the following must be met: (1) DREA 0093 AND DWRI 0093; (2) English as a Second Language (ESOL) 0044 AND 0054; or (3) have met Texas Success Initiative (TSI) Reading and Writing standards AND the college Writing score prerequisite requirement.

Students are expected to have a basic knowledge of cell anatomy, cell function, and biochemistry. Some of the information in the textbook will be considered review and will, therefore, not be covered at length. However, students will be responsible for all of the information included in all of the chapters covered over the semester. This course requires that each student possess a spoken, reading, and written knowledge of the American English language at the college level. Translators are not permitted during tests or quizzes.

Course Content Description: Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. This is a transferable course intended for those seeking to complete a Bachelor's Degree. (3 Lec., 3 Lab.)

Student Learning Outcomes (lecture)
Upon successful completion of this course, students will:
Demonstrate proper use of anatomical terminology to identify and describe locations of major organs of each system covered.
Explain interrelationships among molecular, cellular, tissue, and organ functions in each system.
Describe the interdependency and interactions of the systems.
Explain contributions of organs and systems to the maintenance of homeostasis.
Identify causes and effects of homeostatic imbalances.
Describe modern technology and tools used to study anatomy and physiology.

Student Learning Outcomes (lab)
Upon successful completion of this course, students will:
1. Apply appropriate safety and ethical standards.
2. Locate and identify anatomical structures.
3. Appropriately utilize laboratory equipment, such as microscopes, dissection tools, general lab ware, physiology data acquisition systems, and virtual simulations.
4. Work collaboratively to perform experiments.
5. Demonstrate the steps involved in the scientific method.
6. Communicate results of scientific investigations, analyze data and formulate conclusions.
7. Use critical thinking and scientific problem-solving skills, including, but not limited to, inferring, integrating, synthesizing, and summarizing, to make decisions, recommendations, and predictions.

Core Objectives:
BIOL 2402 is part of the Life and Physical Sciences Foundational Component Area 030. Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method. Courses involve the understanding of interactions among
natural phenomena and the implications of scientific principles on the physical world and on human experiences. The following four Core Objectives must be addressed in each course approved to fulfill this category requirement:

**Critical Thinking:** to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.

**Communication:** to include effective development, interpretation and expression of ideas through written, oral and visual communication

**Empirical and Quantitative Skills:** to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.

**Teamwork:** to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal.

### Required Texts and Materials

1. *Human Anatomy and Physiology, Human Anatomy & Physiology with Modified MasteringA&P®,* 11/e by Marieb & Hoehn. Pearson, 2019. SBN-13: 0134580990 (this is the text plus modified Mastering with student access code); Publisher’s website is [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com).


4. Students are required to have an access code to Modified MasteringA&P that accompanies the lecture text. The student access code is for Modified Mastering. It is not the same as Mastering A & P. You may not use the standard Mastering A & P product. No other product access codes are valid for this course. You must use exactly the same loggin ID you have used with other Pearson publishing online products to set up your account. If you have forgotten your password, they will send you a reset password immediately.

5. Students may need to use a **computer (not a smart phone)** with internet access for this course. Apple computers may be incompatible with some course platforms.

6. Students must supply **Apperson test forms, AccuScan #28040** for exams. **No other test form is acceptable.** Please purchase: 7-10 Apperson 100 question test forms. You will also need #2 pencils with a good eraser.

7. Lab requirements: A small dissection kit, goggles, lab coat, **closed toe shoes**, long pants, skirts (no shorts), disposable gloves

### Class policies

**Attendance**

Students are expected to attend, **on time**, all classes in which they are enrolled. You have the responsibility to attend class and to consult with the instructor ahead of time that you will be missing a lecture or lab class. **Points for online lab quizzes are earned ONLY if the corresponding lab is attended. No quiz points are earned if the student misses the lab for that quiz. If you miss class, it is your responsibility to update yourself on anything you might have missed.** (Inform the instructor within the first week of class that you will require a religious exemption for missing class.) Consult the Brookhaven College Catalog.

Laboratory attendance is crucial to achieving competence in Anatomy & Physiology. **Therefore, if you miss three laboratory sessions you will automatically receive a course grade of F.** Students are responsible for signing themselves in and out of lab, thereby documenting their attendance. Missing the laboratory session, and loss of quiz points, includes instances where a student arrives after the exercises for the day have been reviewed by the instructor and the class is engaged in carrying out the exercises. **There are no lab makeups.**

**Promptness.**

Habitual tardiness to class is an affront to the instructor and your classmates who are in class on time. If there is a reason that you cannot attend class at the scheduled time, (such as work, health, family), you will need to rearrange your schedule to eliminate the conflicts or drop the course. Coming to a lab after the Practical exam begins, earns a zero for that exam and missing lab, arriving late, or leaving early, earns zero, or reduced, quiz points.
Lab Safety
Students are responsible for reviewing the safety information available online for labs and signing the form that acknowledges they have reviewed the safety presentation. A lab coat, gloves, closed toe shoes, goggles, long pants or skirts (no shorts), and hair that is tied back are lab safety requirements.

Withdrawal Policy
If you are unable to complete this course, it is your responsibility to withdraw formally. The withdrawal request must be received in the Registrar’s Office by the drop date published on eConnect to receive a grade of “W”. Failure to do so will result in your receiving a performance grade, usually an “F.” If you drop a class or withdraw from the college before the official drop/withdraw deadline, you will receive a “W” (Withdraw) in each class dropped. (see schedule)

How Your Course Grade is Earned:
The final course grade is determined, by the lecture professor, on the basis of points accumulated during the semester. Failing the final exam, or exam 5 in summer, may result in a grade of F for the course. The final exam is taken in the classroom on the date and time listed in the syllabus schedule. Each exam or quiz is comprised of multiple choice, matching, True/False, fill in the blank, and/or essay questions. Each lab practical exam is worth 100 points and is fill in the blank. Each lab quiz is worth 10 points. Lab quizzes are taken online, one attempt only, and timed at 10 minutes. Students must pass the lab to pass the course. Points for online lab quizzes are earned ONLY if the corresponding lab is attended. No quiz points are earned if the student misses the lab for that quiz. Leaving lab early or arriving late to lab, results in loss of quiz points for that lab. Points are lost when students do not follow instructions in lecture, lab, taking exams, or completing assignments.

BEWARE of the % shown in eCampus for your grade as it is rarely correct!
To determine your % success in the course at any time in the semester, divide your total points accumulated to date, by the total number of possible points. Please disregard the points possible reported by eCampus and calculate the total possible points & your grade from the grid shown below. The course grade is determined by the following grade grid:

<table>
<thead>
<tr>
<th>Exam or Assignment</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Exams</td>
<td>250</td>
</tr>
<tr>
<td>Lab Quizzes (drop 2 lowest)</td>
<td>100</td>
</tr>
<tr>
<td>Lab Practicals</td>
<td>400</td>
</tr>
<tr>
<td>Mastering A and P</td>
<td>100</td>
</tr>
<tr>
<td>Comprehensive Final Exam</td>
<td>100</td>
</tr>
<tr>
<td>Case study</td>
<td>50</td>
</tr>
<tr>
<td>Total Possible Points</td>
<td>1000</td>
</tr>
</tbody>
</table>

Final Grade Determination:
A = 900 - 1000 points
B = 800 - 899
C = 700 - 799
D = 600 - 699
F < 600

Mastering Assignments
There are assignments from modified Mastering A & P with scheduled due dates, for each chapter. The website for the homework assignments is [http://www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com). Students are required to have an access code for Modified Mastering A & P for this course. A separate course is set up with a gradebook to collect scores for Mastering assignments. An overall accuracy of 85% or better is required in the Mastering Homework and assignments must be completed by due dates, to earn total points for Mastering. Mastering points are not course points. Assignments are weighted and totals are calculated at the end of the semester. Check eCampus for the class ID for your section. Student access codes can be used up to one year from activation date with a class ID. Mastering assignments completed with 85% accuracy, when taken by the due dates, AFTER studying the material and PRIOR to taking the lecture exam, enhances the course grade, on average, by one letter grade.

To Register for Mastering
- Use the tab on the left panel in eCampus labeled Mastering: How to for instructions to register for Mastering and for the class ID for this course.
BROOKHAVEN COLLEGE
Human Anatomy & Physiology II BIOL 2402
Fall 2019 Syllabus

***The instructor reserves the right to amend this syllabus and schedule as necessary.***

Exams
Lecture exams are given in the testing center on the scheduled dates. Lab quizzes are taken BEFORE and/or after EACH LAB, online in eCampus. Lab practical exams are given in the laboratory on the scheduled dates. Students must present a photo ID, a permission slip with the Course #, Section #, name of Instructor, and exam # (these slips can be downloaded & printed from eCampus), to the testing center. An Apperson test form & a pencil are also required. The last exam is given out 1 hour before closing in the testing center. Please contact them for hours of operation. **Any exam taken late will incur a minimum of 10% late fee deducted from the maximum score. Tests taken more than 72 hours late incur a 50% penalty. Writing on an exam will incur a minimum point deduction of 10% for the first offense and 50% deduction if repeated.**

Brookhaven College Testing Center (*See the [BHC Testing Center hours of operation on-line.](http://www.example.com)*)
Last test is given one hour before closing.
Location: Building S—Room S080
- No cell phones allowed in testing center.
- Bringing a cell phone to the testing center is a strict violation of policy.
- If you bring a cell phone, the exam grade will be a “0” and there will be a block placed on your transcripts and grades.
- A note is placed in your permanent file stating that a testing irregularity has occurred.
- You must bring an Apperson test form, AccuScan #28040 for 100 questions. No other forms are acceptable. You will not receive credit for an exam if you use another type of test form.
- Test permission slip (download, print, from eCampus; fill in name & ID)
- No bathroom breaks are allowed during testing.

Appeals concerning grades
All appeals shall be initiated with the lab instructor for lab grades or the lecture instructor for lecture grades. If further appeal is desired, the next level for lab grade disputes is the instructor of record (lecture instructor). After the instructor of record, the next level is the Dean of the Science/Mathematics division followed by the Vice President of Instruction. All assessments must be contested within ten days of posting scores in eCampus. Any grade not contested by that time will stand as is.

Make-ups: The general policy is NO MAKEUP EXAMINATIONS, no Makeup Labs.
It is up to the discretion of the lead instructor to permit a student to make up any type of course work missed during the semester. In most cases, make-up exams will not be given and assignments not completed by the deadlines will earn a grade of zero. In extreme circumstances, permission might be granted to take a lecture exam late with a minimum late penalty of 10% deduction from the score. Any exam taken after 72 hrs of due date will incur a 50% late fee. Under no circumstances will a student take a Practical Lab Exam with a class that meets at a later date than the scheduled Lab Practical Exam. Instructors are not required to extend deadlines or to give makeup examinations.

Biology Resource Center (BRC): Room X2030
The Biology Resource Center is for review of laboratory slides, models, dissections, and text material. Qualified tutors are available at certain times for A & P, Biology, Microbiology, and Medical Terminology. This is a place where you may review the material you have studied during your regular laboratory session, with the exception of dissected specimens, which are not permitted in the BRC. The BRC does not take the place of the regular lab section meeting but you are encouraged to meet classmates here for study sessions. Tutoring services are available on a scheduled basis. No children are allowed. Please watch eCampus for schedules. Room X2030. Watch eCampus for the schedule.

Academic Integrity/Honesty
All assignments in this class are undertaken with the understanding that academic honesty is the only acceptable behavior. Further, it is understood that the instructor sets the standards of academic honesty in the class, determines when these standards have been violated, and determines the consequences of that behavior by the student.

The following instances of academic dishonesty will not be tolerated and if committed, will result in a grade of “F” in the course. Any student who is involved in cheating will not be permitted to continue participating in the class.

Cheating – intentionally using or attempting to use unauthorized materials, information or student aids in any academic exercise. Specifically:
1. Copying from another student’s exercise, chapter/unit assessment, or exam.
2. Using test materials not authorized by the person administering the test.
3. Collaborating with or seeking aid from another student during an assessment of any type without permission from the instructor. This includes talking during any assessment.
4. Knowingly using, buying, selling, stealing, or soliciting, in whole or in part the contents of a student’s exercise, chapter/unit assessment, or exam.
5. The unauthorized transporting or removal, in whole or in part of the contents of the student’s exercise, chapter/unit assessment, or exam.
6. Substituting for another student or permitting another student to substitute for one’s self to take student’s exercise, chapter/unit assessment, or exam.
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7. Bribery another person to obtain a student’s exercise, chapter/unit assessment, or exam or information about a student’s exercise, chapter/unit assessment, or exam.
   
   Collusion — unauthorized collaboration with another person in preparing work offered for credit (i.e., providing exam information to another student, working collectively on assignments intended as individual tasks).
   
   Fabrication — intentional and unauthorized falsification or invention of any information in an academic exercise.
   
   Plagiarism — intentionally representing the words or ideas of another as one’s own in any academic exercise.

The following link is to provide additional information about the institutional policies of Brookhaven College [https://www.Brookhavencollege.edu/syllabusaddendum](https://www.Brookhavencollege.edu/syllabusaddendum)

Additional Information:

- The following link is for eCampus/Blackboard technical support [eCampus Technical Support and Help Desk](https://www.Brookhavencollege.edu/)
- In addition to completing the Mastering assignments, you should use the site to improve your understanding and performance in the course.
- Check eCampus regularly, as that is where I will post grades, announcements, staff information, course information, course documents, and assignments! Lab quizzes are only available on eCampus and some assignments also require you to have regular access to eCampus.
- Students must read lecture chapters and laboratory exercises prior to lecture & lab to be successful in this class.
- Tutoring is available in the Biology Resource Center in X2030.
- Cell phones must be silenced and invisible during lecture and laboratory. If you need to leave your phone on for an emergency, please notify the instructor in advance. You will be asked to leave class if the instructor notes use of any unapproved electronic device. If your phone rings during class, you will be asked to leave for the day. **Photographing any test or quiz will result in a grade of "F" for the course.**
- Please do not open computers in class. Take notes on PowerPoints downloaded from eCampus or in another manner of your choosing.
- There is absolutely NO EATING OR DRINKING in the laboratory!
- **Students must earn a passing grade in lab, lecture, and the final exam to pass the course.**
- Lab and lecture quizzes, practical examinations, and lecture tests may not be made up, barring extraordinary circumstances.
- Students are responsible for keeping informed of announcements made during class.
- Students are responsible for keeping informed of testing center hours and rules of operation.
- No restroom breaks are allowed during testing. Your exam must be turned in before any break and it will not be returned.
- All assessments must be contested within two weeks of posting of scores on eCampus. Any grade not contested by that time will stand as is.
- Students must supply Apperson test forms for exams including exams taken in the testing center.
- You are responsible for reading the scheduled chapters and lab exercises. The text is no substitute for lecture, and lecture does not substitute for the text. Some concepts may be discussed in lecture but will not appear in the text. Students are responsible for all material presented during lecture.
- No assignments are accepted by email.

**HOW TO GET AN A IN THIS COURSE:**

1. Review the Flashcards in Mastering for the chapter. Learn the terms. Using the eText, one may click on new terms for instant definitions, then return to the same sentence in the text.
2. Read the chapter summary, study all the graphics, before lecture on that topic.
3. Come to lecture on that topic, ask questions on fuzzy stuff, study class notes after class
4. Do the Mastering in time to study what you miss BEFORE the exam
5. Visit the Biology Resource Center (BRC) in X2030 to review, to receive free tutoring from tutors who have been successful in our A & P courses, to study lab models, to take a mock lab practical before your lab practical, and to meet with your study group.
6. Form a study group of 3–5 students to divide and conquer the material. This really works!
7. Set a study schedule that includes study every day. (3-4 hrs outside study for each hour in class)
8. Keep up with deadlines.
9. If you have read the text twice, but do not understand something, the BRC is your solution! You may read the same concept in a different text, have a tutor or another student “say it in a different way,” and learn a way to remember what you now understand, in the BRC! Look for BRC schedules outside X2030.
10. Ask questions!!! Your instructors are here to help you learn. To date, no student has been injured, ridiculed, teased, or harassed for asking course content questions!

See lecture/lab schedule on next page
Please download, print, read, and bring your Lab Practical Handout for each lab. You will use this as a guide to complete the activities for each lab.

<table>
<thead>
<tr>
<th>Wk</th>
<th>Start Date</th>
<th>Lecture Topic</th>
<th>Text</th>
<th>Laboratory Topic</th>
<th>Lab Exercise</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8/26</td>
<td>Orientation, Endocrine system</td>
<td>16</td>
<td>Safety, Microscope, Endocrine</td>
<td>3, 27</td>
</tr>
<tr>
<td>2</td>
<td>9/3</td>
<td>Endocrine system; Blood</td>
<td>16, 17</td>
<td>Endocrine, Blood</td>
<td>27, 29</td>
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<tr>
<td>3</td>
<td>9/9</td>
<td>Blood, Heart</td>
<td>17, 18</td>
<td>Lab Practical Exam 1</td>
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<tr>
<td></td>
<td></td>
<td><strong>Lecture Exam 1</strong> 9/12-9/17</td>
<td>16, 17</td>
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<td></td>
</tr>
<tr>
<td>4</td>
<td>9/16</td>
<td>Heart, Vessels</td>
<td>18, 19</td>
<td>Heart, ECG</td>
<td>30, 31</td>
</tr>
<tr>
<td>5</td>
<td>9/23</td>
<td>Vessels, Lymphatic; Review</td>
<td>19, 20</td>
<td>Blood Vessels, Blood Pressure/Pulse</td>
<td>32, 33</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Lecture Exam 2</strong> 9/26-10/1</td>
<td>18-20</td>
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<tr>
<td>6</td>
<td>9/30</td>
<td>Immune system</td>
<td>21</td>
<td>Vessels Dissection, Immunology</td>
<td>D4, 35</td>
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<td>7</td>
<td>10/7</td>
<td>Immune System; Respiratory</td>
<td>21, 22</td>
<td>Lab Practical Exam 2</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>10/14</td>
<td>Respiratory System; Review</td>
<td>22</td>
<td>Respiratory System &amp; Physiology</td>
<td>36, 37</td>
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<tr>
<td></td>
<td></td>
<td><strong>Lecture Exam 3</strong> 10/17-10/22</td>
<td>21-22</td>
<td></td>
<td></td>
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<tr>
<td>9</td>
<td>10/21</td>
<td>Digestive Systems</td>
<td>23</td>
<td>Digestive System</td>
<td>38</td>
</tr>
<tr>
<td>10</td>
<td>10/28</td>
<td>Digestive System</td>
<td>23</td>
<td>Digestive Physiology</td>
<td>39, D5, D6</td>
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<tr>
<td></td>
<td></td>
<td>Nutrition, Metabolism</td>
<td>24</td>
<td>Respiratory/Digestive Dissections</td>
<td>40, 41</td>
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<tr>
<td>11</td>
<td>11/4</td>
<td>Nutrition, Metabolism; Urinary</td>
<td>24, 25</td>
<td>Lab Practical Exam 3</td>
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<tr>
<td></td>
<td></td>
<td><strong>Lecture Exam 4</strong> 11/7-11/12</td>
<td>23, 24</td>
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<tr>
<td>12</td>
<td>11/11</td>
<td>Urinary System; Fluids</td>
<td>25, 26</td>
<td>Urinary System, Urinalysis</td>
<td>40, 41</td>
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<td><strong>Last day to withdraw - “W”</strong></td>
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<tr>
<td>13</td>
<td>11/18</td>
<td>Fluids, Reproduction</td>
<td>26, 27</td>
<td>Reproduction &amp; Gametogenesis</td>
<td>42, 43</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Female Cycles</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>11/25</td>
<td>Reproduction &amp; STDs; Review</td>
<td>27</td>
<td>Urinary/Reproduction Dissections</td>
<td>D7, D8</td>
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<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>12/3</td>
<td>Final Exam Review</td>
<td></td>
<td>Lab Practical Exam 4</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>12/10</td>
<td>Comprehensive Final Exam in X2004 on Thursday 12/12</td>
<td>No Labs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Thursday-Sat labs attend another section earlier in the week

Exam 1 Ch 16-17
Exam 2 Ch 18-20
Exam 3 Ch 21, 22
Exam 4 Ch 23, 24
Exam 5 Ch 25-27
1. Modified Mastering, go to [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com) and register using student access code.
   
   See eCampus for How to Enroll in Mastering, under the Mastering button on left panel.

2. After registering, join the class using the class ID listed in the left panel of eCampus under Mastering

### Mastering Due Dates (please verify dates in Mastering on Assignments page)

<table>
<thead>
<tr>
<th>Text Chapter</th>
<th>Points</th>
<th>Estimated time in minutes</th>
<th>Due date @ 11:59 pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Mastering</td>
<td>11</td>
<td>11</td>
<td>8/31</td>
</tr>
<tr>
<td>Ch 16 HW Endocrine</td>
<td>84</td>
<td>65</td>
<td>9/3</td>
</tr>
<tr>
<td>Ch 17 HW Blood</td>
<td>63</td>
<td>38</td>
<td>9/10</td>
</tr>
<tr>
<td>Ch 18 HW Heart</td>
<td>77</td>
<td>62</td>
<td>9/15</td>
</tr>
<tr>
<td>Ch 19 HW Vessels</td>
<td>82</td>
<td>73</td>
<td>9/22</td>
</tr>
<tr>
<td>Ch 20 HW Lymphatics</td>
<td>30</td>
<td>19</td>
<td>9/25</td>
</tr>
<tr>
<td>Ch 21 HW Immune</td>
<td>64</td>
<td>42</td>
<td>10/6</td>
</tr>
<tr>
<td>Ch 22 HW Respiratory</td>
<td>63</td>
<td>74</td>
<td>10/13</td>
</tr>
<tr>
<td>Ch 23 HW Digestive</td>
<td>57</td>
<td>38</td>
<td>10/22</td>
</tr>
<tr>
<td>Ch 24 HW Nutrition, Metabolism</td>
<td>57</td>
<td>39</td>
<td>11/3</td>
</tr>
<tr>
<td>Ch 25 HW Urinary</td>
<td>42</td>
<td>30</td>
<td>11/10</td>
</tr>
<tr>
<td>Ch 26 HW Fluids</td>
<td>40</td>
<td>23</td>
<td>11/17</td>
</tr>
<tr>
<td>Ch 27 HW Reproduction</td>
<td>48</td>
<td>32</td>
<td>11/24</td>
</tr>
</tbody>
</table>

Adaptive Follow up exercises may not be scheduled in your class

See Lab Quiz Schedule on next page
Please download, print, read, and bring your *Lab Practical Handout* for each lab. You will use this as a guide to complete the activities for each lab. They are in Lab Resources in eCampus.

### Fall 2019 A&P II Lab Quiz Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Start Date</th>
<th>Lab Topic</th>
<th>Exercise</th>
<th>Quiz (Due at 11:59 PM the day before lab)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8/26/2019</td>
<td>Safety, Microscope, Endocrine</td>
<td>3, 27</td>
<td>Safety (Due the day of lab at 11:59PM)</td>
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<tr>
<td>2</td>
<td>9/3/2019</td>
<td>Endocrine, Blood</td>
<td>27, 29</td>
<td>Endocrine (27); Blood (29) TWO QUIZZES DUE</td>
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<td>3</td>
<td>9/9/2019</td>
<td><strong>Review/Practical 1</strong></td>
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<td>4</td>
<td>9/16/2019</td>
<td>Heart, ECG</td>
<td>30, 31</td>
<td>Heart &amp; ECG (30 &amp; 31)</td>
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<td>5</td>
<td>9/23/2019</td>
<td>Blood Vessels, Blood Pressure/Pulse</td>
<td>32, 33</td>
<td>Heart, Blood Vessels &amp; Blood Pressure/Pulse (32 &amp; 33)</td>
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<td>6</td>
<td>9/30/2019</td>
<td>Vessels Dissection, Immunology</td>
<td>D4, 35</td>
<td>Blood Vessels &amp; Immunology (32 &amp; 35)</td>
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<td>7</td>
<td>10/7/2019</td>
<td><strong>Review/Practical 2</strong></td>
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<td>8</td>
<td>10/14/2019</td>
<td>Respiratory System &amp; Respiratory Physiology</td>
<td>36, 37</td>
<td>Respiratory Anatomy &amp; Physiology (36 &amp; 37)</td>
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<td>9</td>
<td>10/21/2019</td>
<td>Digestive System</td>
<td>38</td>
<td>Respiratory Anatomy &amp; Physiology &amp; Digestive Anatomy (36, 37 &amp; 38)</td>
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<td>10</td>
<td>10/28/2019</td>
<td>Digestive Physiology, Respiratory/Digestive Dissections</td>
<td>D6, D7</td>
<td>Digestive Anatomy &amp; Physiology (38 &amp; 39)</td>
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<td>11/4/2019</td>
<td><strong>Review/Practical 3</strong></td>
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<td>12</td>
<td>11/11/2019</td>
<td>Urinary System, Urinalysis</td>
<td>40, 41</td>
<td>Urinary System &amp; Urinalysis (40 &amp; 41)</td>
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<tr>
<td>13</td>
<td>11/18/2019</td>
<td>Reproduction &amp; Gametogenesis/Female Cycles</td>
<td>42, 43</td>
<td>Urinary System (40); Reproductive Anatomy &amp; Gametogenesis &amp; Female Cycles (42 &amp; 43) - TWO QUIZZES DUE</td>
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<td>14**</td>
<td>11/25/2019</td>
<td>Urinary/Reproduction Dissections</td>
<td>D8, D9</td>
<td>Reproductive Anatomy &amp; Gametogenesis &amp; Female Cycles (42 &amp; 43)</td>
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<td>15</td>
<td>12/2/2019</td>
<td><strong>Review/Practical 4</strong></td>
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</table>

** Thursday-Sat. lab sections meet at alternate times; please check with your lab instructor
Welcome to Sustainable Brookhaven

Each of us in the Brookhaven College community is on a journey to understand the choices and challenges, the knowledge, skills and actions needed to create a sustainable and desirable future. Sustainable Brookhaven is a clearinghouse of learning opportunities and a catalyst for actions that promote a clean, healthy environment, economic prosperity and social equity for all -- now and in the future.

What is Sustainability?

Simply put, sustainability is the capacity to endure. Broadly speaking, sustainability is about living in harmony with all of life on this planet.

"Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs."—United Nations’ Bruntland Commission of 1987