BROOKHAVEN COLLEGE
Human Anatomy & Physiology II BIOL 2402
Summer 2019 Syllabus

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

BIOL 2402 section 26002   Human Anatomy and Physiology II

Lecture Instructor: Laurent Pelletier, D.C., B.A.  Lab Instructor: Laurent Pelletier
Preferred Contact: kgoodwin@dcccd.edu

Lecture MTWRF 7/8-8/8 7:30am-9:30am room X2004
Lab: MTWRF 7/8-8/8 9:40am-11:40am room: X2028
Biology Resource Lab (BRC) Schedule TBA room: X2030

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.

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 Description:** This is the second course of a two course sequence. Study of the structure and function of human anatomy, including the neuroendocrine, digestive, urinary, reproductive, respiratory, and circulatory systems. Emphasis is placed on the interrelationships of these systems. Content may be either integrated or specialized. This is a transferable course intended for those seeking to complete a Bachelor's Degree. (3 Lec., 3 Lab.)

**Evaluating Board Academic Approval Number 2607075103**

**Student Learning Outcomes (lecture)**
Upon successful completion of this course, students will:
1. Demonstrate proper use of anatomical terminology to identify and describe locations of major organs of each system covered.
2. Explain interrelationships among molecular, cellular, tissue, and organ functions in each system.
3. Describe the interdependency and interactions of the systems.
4. Explain contributions of organs and systems to the maintenance of homeostasis.
5. Identify causes and effects of homeostatic imbalances.
6. 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.
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**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.

**Core Objective Development Statements:**
BIOI 2402 develops Critical Thinking and Empirical and Quantitative Skills by requiring students to research, analyze and interpret data derived from an experimental setting and drawing a well-informed conclusion of the data through the application of sound biological concepts.

BIOI 2402 develops Teamwork and Communication by requiring students to effectively work in a small group on an assigned problem, exercise or course concept that will then be presented in a written, oral or visual format.

**Required and Suggested Texts and Materials** *(If it doesn’t say “suggested”, it is required)*
1. *Human Anatomy and Physiology, Human Anatomy & Physiology with Modified Mastering A&P®, 11/e* by Marieb & Hoehn. Pearson, 2019. SBN-13: 0134580990 (this is the text plus modified Mastering with student access code) [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com); You may use the eText, an older edition text, another text as long as you have this edition of the Modified Mastering for homework.
4. Students are required to have an access code to Modified Mastering A and P that accompanies the lecture text. The students 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 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. 10 Apperson 100 question test forms, AccuScan #28040 for exams. **No other test form is acceptable.**
7. #2 pencils with a good eraser.
8. A small dissection kit- lab
9. Goggles - lab
10. Lab coat - lab
11. Closed toe shoes - lab
12. Long pants or skirts (no shorts)- lab
13. Disposable gloves that fit - lab

**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 4 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 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 Grade is Determined
The final course grade is determined, by the lecture professor, on the basis of points accumulated during the semester. **Students must pass the final exam (or exam 5 in summer) to pass the course.** The final exam is taken in the classroom with the exception of hybrid courses. Hybrid courses take the final in the testing center. 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 8 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. A minimum of 5% point deduction results from writing on a lecture exam and if more than one incident occurs, students may be barred from taking written exams, resulting in a grade of zero for the remaining exams.

Modified Mastering A & P
There are assignments from modified Mastering A & P [http://www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com) with scheduled due dates, for each chapter. 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 80%** or better is required in the Mastering Homework to earn total points for Mastering as listed in the point grid below. **No points are earned for Mastering Assignments if the due dates are missed.** 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.

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:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Exams</td>
<td>5 @ 80 pts each</td>
</tr>
<tr>
<td>Lab Quizzes</td>
<td>10 @ 10 pts each</td>
</tr>
<tr>
<td>Lab Practicals</td>
<td>4 @ 100 pts each</td>
</tr>
<tr>
<td>Mastering A and P</td>
<td>100</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

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
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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.**

Brookhaven College Testing Center  https://www.dcccd.edu/apply-reg/testing/pages/TestCntrs.aspx

Last test is given one hour before closing.
Check online for specific opening and closing times, phone number, rules, etc.
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 two weeks of posting of scores on 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.
Additional Information:

- **eCampus Technical Support and Help Desk** [http://dallastelecollege.dcccd.edu/techSupport.html](http://dallastelecollege.dcccd.edu/techSupport.html)
- 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.

**For each chapter assigned from the text, students will:**

1. Review the **glossary** to learn new terms for that chapter in the study area of Mastering. Keep list available while reading the chapter. Learn the terms.
2. Download, print, read the lab handout for the lab unit that is on the schedule. Handouts are posted in eCampus.
3. Read the exercise in the Lab Manual for the week’s lab. Successful Students report that reading all of the exercises from the lab manual before reading the text material gives them a bird’s eye view of the material and helps keep them focused on major concepts in the lecture text.
4. Read the chapter in the text. Pay attention to every word in every table, chart, and graphic. The graphics are golden in Marieb’s text. Many exam questions come from material presented in the graphics.
5. Complete the practice quizzes in the study area of Mastering for that chapter. Review as needed.
6. Complete the Mastering assignments for that chapter by the due date, after studying chapter. Review as needed.

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**Institutional Policies** [https://www.Brookhavencollege.edu/syllabusaddendum](https://www.Brookhavencollege.edu/syllabusaddendum)

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**Institutional Policies**

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3. Read the exercise in the Lab Manual for the week’s lab. Successful Students report that reading all of the exercises from the lab manual before reading the text material gives them a bird’s eye view of the material and helps keep them focused on major concepts in the lecture text.
4. Read the chapter in the text. Pay attention to every word in every table, chart, and graphic. The graphics are golden in Marieb’s text. Many exam questions come from material presented in the graphics.
5. Complete the practice quizzes in the study area of Mastering for that chapter. Review as needed.
6. Complete the Mastering assignments for that chapter by the due date, after studying chapter. Review as needed.
7. Use your text, the PowerPoints I have posted, the study area in Mastering, notes that you make as you read the text, to review material before the lecture exam.

8. 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.

9. Setting a study schedule that includes some study every day, keeping up with the deadlines, and keeping up with your study schedule is critical to success.

Note: 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! I will post schedules for the BRC that include times it is open for all science courses and times that tutors are available for A & P. You can look them up on facebook too!

See 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>Day #</th>
<th>Date</th>
<th>Lecture Topic/Exam</th>
<th>Chapters</th>
<th>Laboratory Topic; Exercise</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>07/08th</td>
<td>Syllabus review, orientation, Endocrine system</td>
<td>16</td>
<td>Safety, Microscope, Endocrine; 27</td>
</tr>
<tr>
<td>2</td>
<td>07/9th</td>
<td>Endocrine</td>
<td>16</td>
<td>Endocrine; 27; Handout, Histology text</td>
</tr>
<tr>
<td>3</td>
<td>07/10th</td>
<td>Endocrine/Blood</td>
<td>16</td>
<td>Blood; 29; Handout, Histology text</td>
</tr>
<tr>
<td>4</td>
<td>7/11 T</td>
<td>Blood</td>
<td>17</td>
<td>Lab Practical 1</td>
</tr>
<tr>
<td>5</td>
<td>7/12-7/13</td>
<td>Lecture exam 1 in testing center</td>
<td>16, 17</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>7/15th</td>
<td>Heart</td>
<td>18</td>
<td>Heart; 30; Handout; Histology text</td>
</tr>
<tr>
<td>7</td>
<td>7/16</td>
<td>Heart, Vessels</td>
<td>18, 19</td>
<td>ECG; 31; Blood vessels; 32; Handouts</td>
</tr>
<tr>
<td>8</td>
<td>7/17</td>
<td>Vessels</td>
<td>18/19</td>
<td>Blood vessels cont.; 32, (set up Ouchterlony); Handout</td>
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<tr>
<td>9</td>
<td>7/18</td>
<td>Vessels/Lymphatic system</td>
<td>19/20</td>
<td>Vessels Dissection; D4; Handout</td>
</tr>
<tr>
<td>10</td>
<td>07/22</td>
<td>Immune system</td>
<td>21</td>
<td>BP/Pulse; 33; Immunology; 35, Handout, Histology text</td>
</tr>
<tr>
<td>11</td>
<td>07/23</td>
<td>Immune system/Respiratory</td>
<td>21, 22</td>
<td>Lab Practical 2</td>
</tr>
<tr>
<td>12</td>
<td>07/24</td>
<td>Respiratory system</td>
<td>22</td>
<td>Respiratory System; 36; Handout; Histology text</td>
</tr>
<tr>
<td>13</td>
<td>07/25</td>
<td>Digestive system</td>
<td>23</td>
<td>Respiratory physiology; 37; Digestive system; 38; Handout</td>
</tr>
<tr>
<td>14</td>
<td>07/29</td>
<td>Digestive system/ Metabolism &amp; Energetics</td>
<td>23,24</td>
<td>Digestive system, cont.; 38; Handout</td>
</tr>
<tr>
<td>15</td>
<td>07/30</td>
<td>Metabolism &amp; Energetics</td>
<td>24</td>
<td>Digestive physiology; 39; Respiratory &amp; Digestive Dissections; D6, D7; Handout</td>
</tr>
<tr>
<td>16</td>
<td>07/31</td>
<td>Last day to withdraw with “W”</td>
<td></td>
<td></td>
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<tr>
<td>17</td>
<td>8/3-8/4</td>
<td>Lecture Exam 4 in testing center</td>
<td>23-24</td>
<td>Lab Practical 3</td>
</tr>
<tr>
<td>18</td>
<td>8/5</td>
<td>Urinary system</td>
<td>25</td>
<td></td>
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<tr>
<td>19</td>
<td>8/6</td>
<td>Fluids, Electrolyte and Acid base balance</td>
<td>26</td>
<td>Male Reproductive system; 42; Gametogenesis; 43; Handouts, Histology text</td>
</tr>
<tr>
<td>20</td>
<td>8/7</td>
<td>Reproductive system</td>
<td>27</td>
<td>Urinary, Reproductive Disscetions; D7, D8; Handouts</td>
</tr>
</tbody>
</table>

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.mylabandmastering.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>7/8</td>
</tr>
<tr>
<td>Ch 16 HW Endocrine</td>
<td>84</td>
<td>65</td>
<td>7/10</td>
</tr>
<tr>
<td>Ch 17 HW Blood</td>
<td>63</td>
<td>38</td>
<td>7/13</td>
</tr>
<tr>
<td>Ch 18 HW Heart</td>
<td>77</td>
<td>62</td>
<td>7/15</td>
</tr>
<tr>
<td>Ch 19 HW Vessels</td>
<td>82</td>
<td>73</td>
<td>7/19</td>
</tr>
<tr>
<td>Ch 20 HW Lymphatic</td>
<td>30</td>
<td>19</td>
<td>7/20</td>
</tr>
<tr>
<td>Ch 21 HW Immune</td>
<td>64</td>
<td>42</td>
<td>7/25</td>
</tr>
<tr>
<td>Ch 22 HW Respiratory</td>
<td>63</td>
<td>74</td>
<td>7/26</td>
</tr>
<tr>
<td>Ch 23 HW Digestive</td>
<td>57</td>
<td>38</td>
<td>7/29</td>
</tr>
<tr>
<td>Ch 24 HW Nutrition, Metabolism</td>
<td>57</td>
<td>39</td>
<td>8/1</td>
</tr>
<tr>
<td>Ch 25 HW Urinary</td>
<td>42</td>
<td>30</td>
<td>8/3</td>
</tr>
<tr>
<td>Ch 26 HW Fluids</td>
<td>40</td>
<td>23</td>
<td>8/6</td>
</tr>
<tr>
<td>Ch 27 HW Reproduction</td>
<td>48</td>
<td>32</td>
<td>8/7</td>
</tr>
</tbody>
</table>
Lab Quiz Schedule for online quizzes taken in eCampus, Blackboard.
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>Day</th>
<th>Date</th>
<th>A&amp;P II</th>
<th>Exercise</th>
<th>Quiz (Due at 11:59 PM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>7/8</td>
<td>Safety, Microscope, Endocrine</td>
<td>27</td>
<td>Safety; Endocrine (27) <strong>TWO QUizzes DUE</strong></td>
</tr>
<tr>
<td>2</td>
<td>7/9</td>
<td>Endocrine</td>
<td>27</td>
<td>Endocrine &amp; Blood (27 &amp; 29)</td>
</tr>
<tr>
<td>3</td>
<td>7/10</td>
<td>Endocrine, Blood</td>
<td>27, 29</td>
<td></td>
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<tr>
<td>4</td>
<td>7/11</td>
<td>Blood, Hematocrit</td>
<td>29</td>
<td></td>
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<tr>
<td>5</td>
<td>7/15</td>
<td><strong>PRACTICAL 1</strong></td>
<td>Heart (30)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>7/16</td>
<td>Heart (with dissection)</td>
<td>30</td>
<td>Heart, ECG &amp; Blood Vessels (30, 31 &amp; 32)</td>
</tr>
<tr>
<td>7</td>
<td>7/17</td>
<td>ECG; Blood Vessels (set-up Ouchterlony)</td>
<td>31; 32</td>
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<tr>
<td>8</td>
<td>7/18</td>
<td>Blood Vessels cont., Vessels Dissection</td>
<td>32</td>
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<tr>
<td>9</td>
<td>7/22</td>
<td>Lymphatics/Immunology; Read Ouchterlony</td>
<td>35</td>
<td>Blood Vessels, Blood Pressure/Pulse &amp; Immunology (32, 33 &amp; 35)</td>
</tr>
<tr>
<td>10</td>
<td>7/23</td>
<td>Blood Pressure/Pulse</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>7/24</td>
<td><strong>Practical 2</strong></td>
<td>-</td>
<td>Respiratory Anatomy &amp; Physiology (36 &amp; 37)</td>
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<tr>
<td>12</td>
<td>7/25</td>
<td>Respiratory System</td>
<td>36</td>
<td>Respiratory Anatomy &amp; Physiology (36, 37, 38)</td>
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<tr>
<td>13</td>
<td>7/29</td>
<td>Respiratory Physiology</td>
<td>37; 38</td>
<td>Respiratory Physiology &amp; Digestive Anatomy (38 &amp; 39)</td>
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<tr>
<td>14</td>
<td>7/30</td>
<td>Digestive System</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>7/31</td>
<td>Digestive Physiology; Respiratory and Digestive Dissections</td>
<td>39; D6; D7</td>
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<tr>
<td>16</td>
<td>8/1</td>
<td><strong>Practical 3</strong></td>
<td>-</td>
<td>Urinary System (40)</td>
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<tr>
<td>17</td>
<td>8/5</td>
<td>Urinary System; Urinalysis; Reproductive System</td>
<td>40; 41; 42</td>
<td>Urinary &amp; Urinalysis (40 &amp; 41) Reproductive Anatomy, Gametogenesis &amp; Female Cycles (42 &amp; 43)</td>
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<tr>
<td>18</td>
<td>8/6</td>
<td>Meiosis, Gametogenesis/Female Cycles</td>
<td>43</td>
<td>Reproductive Anatomy, Gametogenesis &amp; Female Cycles (42 &amp; 43)</td>
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<tr>
<td>19</td>
<td>8/7</td>
<td>Urinary/Reproductive Dissections</td>
<td>D7; D8</td>
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<tr>
<td>20</td>
<td>8/8</td>
<td><strong>Practical 4</strong></td>
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***The instructor reserves the right to amend this syllabus and schedule as necessary.