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

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

BIOL 2402 section 23350 Human Anatomy and Physiology II

Lecture Instructor: E. Simone Thaxton, Ph.D. (Dr.t)  
Lab Instructor: L. Pelletier  
Preferred contact: email ethaxton@dcccd.edu  
Contact: lpelletier@dcccd.edu

(emails answered within 24-48 hrs usually)  
Office hours: X2032C Please email in advance for appointment

Mon 1:30-3:30, Tues 11:30-12:00, 1:30-3:30,  
Thurs 11:30-12:00

Lecture: online MTWRFSU  
Lab: Sat. 11:00- 1:40  
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:  
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:

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.
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.

Core Objective Development Statements:

BIOL 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.

BIOL 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

2. **Human Anatomy & Physiology Laboratory Manual**, Fetal Pig Version, 13/E, Marieb, Smith, 2019; Pearson Publisher; (without Mastering); ISBN-13: 0134806360


4. Students are required to have an access code to Modified Mastering A and 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 login 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 be punctual and to remain for the duration of all lectures and laboratories. Some tested material will only be presented in class. Attendance will be taken daily. If you miss class, it is your responsibility to update yourself on what you might have missed by checking in the posted schedule and with your classmates. Do NOT email your instructor for a review of what you missed! A student shall be excused from attending classes for the observance of a religious holy day. (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 for achieving competency in Anatomy and Physiology 2. 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 includes instances where a student arrives after the required exercises for the day have been completed by the class and the class is reviewing anatomical structures only. All quiz points are lost for missing the corresponding lab for that quiz. Two to Three quiz points are lost for arriving late or leaving lab early. There are no lab makeups. If you stop participating in class and lab activities, you will not be allowed to take exams.

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. During all wet labs and dissections, a lab coat, gloves, closed toe shoes, goggles, long pants or skirts (no shorts), and hair that is tied back are lab 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 for drop date)

How Your Grade is Determined
The final course grade is determined, by the lecture professor, on the basis of points accumulated during the semester.

Modified Mastering A & P
A considerable portion of course points come from Mastering Assignments. These assignments have due dates that are set so that you finish the assignment and then review what you missed in Mastering, before the lecture exam. Assignments are from modified Mastering A & P [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 85% or better is required in the Mastering Homework and assignments must be completed by due dates, to earn total course 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.

- 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.

- 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>Grade Grid</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Exams</td>
<td>5 @ 50 pts each 250</td>
</tr>
<tr>
<td>Lab Quizzes (drop 2)</td>
<td>10 @ 10 pts each 100</td>
</tr>
<tr>
<td>Lab Practicals</td>
<td>4 @ 100 pts each 400</td>
</tr>
<tr>
<td>Mastering A and P</td>
<td>@ 85% accuracy 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
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**Exams and Quizzes**

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 quizzes are taken online, one attempt only, and timed at 10 minutes. **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. Students must pass the lab to pass the course. Each exam or quiz is comprised of multiple choice, matching, True/False, fill in the blank, and/or essay questions. Lab practical exams are given in the laboratory on the scheduled dates and consist of 50 fill in the blank questions. 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. During lecture exams, you may write on the back of the Apperson. Writing on a lecture exam will incur a minimum point deduction of 10%. Students must pass the final exam (or exam 5 in summer) to pass the course. The final exam is taken in the classroom.

Brookhaven College Testing Center (**See the BHC Testing Center hours of operation on-line.)**

Students must bring an Apperson test form, a #2 pencil with eraser, a photo ID, and a permission slip with the Course #, Section #, name of Instructor, and exam #, to the testing center. Permission slips must be downloaded & printed from eCampus. Students are to fill in their name & student ID only. The rest is already filled in for you. The last exam is given out 1 hour before closing in the testing center. Please contact them for hours of operation.

Please verify that you have been given the correct exam BEFORE you begin taking it!

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 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 for any reason whatsoever.

**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.
7. Bribing 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.

Institutional Policies [Link]

Additional Information:
- eCampus Technical Support and Help Desk
- 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.
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- No assignments are accepted by email.

HOW TO GET AN A IN THIS COURSE:
1. Use both the eText and the hard copy text to Review the Glossary in Mastering for the chapter. Learn the terms.
2. Read the chapter summary, study all the graphics
3. Come to lecture on that topic, ask questions on fuzzy stuff, study class notes after class
4. Do the Mastering before due date and in time to study what you miss BEFORE the exam

For Lab:
1. Download, print, read the lab handout for the lab unit that is on the schedule.
2. 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.
3. 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.
4. Set a study schedule that includes study every day. (3-4 hrs outside study for each hour in class)
5. Keep up with deadlines.

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! Look for BRC schedules outside X2030. You can look them up on facebook too!

Student Responsibilities for Online Learning

In order to succeed in an online lecture class, students need to have access to a computer with internet functions, the required level of computer skills, motivation and a commitment to learn and work on their own. Online classes are good for self-starters: those students who can take the initiative to complete coursework without the direct supervision of a professor.

Online learning is not for everyone. Individuals who prefer face-to-face communication or traditional group work should weigh these factors in determining if an online class is appropriate. Academic standards for online courses are the same as those for all other courses offered at Brookhaven College.

- For hybrid online courses, students will have face to face lab sessions once a week. There is an opportunity to ask the lab instructor basic questions about lecture, but lab is taught by a different instructor than the online lecture. There may not be time in lab to cover lecture questions. It is up to the student to email the lecture instructor with questions about lecture.
- The interaction between the online lecture instructor and the students (and among students) is based on writing and reading of postings under course announcements and emails between instructor and students. Students are expected to read the posted study tips and guidelines in eCampus. It is expected that all students will be able to express and communicate effectively in writing.
- Computers are available for student use in the J lab in the J building and in the library.

If you would like to assess your motivation and preparedness for online learning, please answer the following 10 questions. Your honest answers will help you determine if an online course is appropriate for you.

**Questionnaire**

1. Are you comfortable communicating through writing?
   - No
   - Yes

2. Are you a person who can work independently and without the in-class presence of a instructor?
   - No
   - Yes

3. Are you comfortable using the Brookhaven student e-mail system? (Do not email through eCampus, but by using the direct email to me that is in the syllabus.
   - No
   - Yes

4. Are you willing to log in at least three times a week into the Blackboard class site, keep up with readings, and complete your online assignments in Mastering and course work on time?
   - No
   - Yes
5. Have you taken any web-enhanced, hybrid or asynchronous courses before this one?  
   - No  
   - Yes

6. Are you comfortable working with computers?  
   - No  
   - Yes

7. Do you have regular access to a computer and a reliable Internet connection?  
   - No  
   - Yes

8. Are you familiar with the electronic resources for research provided through the college library?  
   - No  
   - Yes

9. Are you willing to learn new computer skills—even if it means additional online or on campus training?  
   - No  
   - Yes

10. Are you willing to learn new information literacy skills—even if it means additional online or on campus training?  
    - No  
    - Yes

Additional Tips for online lecture success:
1. Time management – record due dates; put yourself on a study schedule that includes 12-15 hrs/wk for lecture. Less time than this in an online science lecture course will earn a C or less for the smartest students. It is best to study some every day, with at least two – three days of 1.5 hrs uninterrupted time as if you were in face to face lecture. The other hours are based on spending 2-4 hrs outside of lecture for each hour in lecture for science.
2. Study spaces- set up a couple or more spaces in an environment that is right for you, in which to study. Make it fit you!

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>
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<tbody>
<tr>
<td>1</td>
<td>1/22*</td>
<td>Orientation, Endocrine system</td>
<td>16</td>
<td>Safety, Microscope, Endocrine</td>
<td>3, 27</td>
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<td>2</td>
<td>1/28</td>
<td>Endocrine system; Blood</td>
<td>16, 17</td>
<td>Endocrine, Blood</td>
<td>27, 29</td>
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<td>3</td>
<td>2/4</td>
<td>Blood, Heart</td>
<td>17, 18</td>
<td>Lab Practical Exam 1</td>
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<td>Lecture Exam 1</td>
<td>2/8-2/12</td>
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<td>16, 17</td>
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<tr>
<td>4</td>
<td>2/11</td>
<td>Heart, Vessels</td>
<td>18, 19</td>
<td>Heart, ECG</td>
<td>30, 31</td>
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<tr>
<td>5</td>
<td>2/18</td>
<td>Vessels, lymphatic; Review</td>
<td>19, 20</td>
<td>Blood Vessels, Blood Pressure/Pulse</td>
<td>32, 33</td>
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<td>6</td>
<td>2/25</td>
<td>Immune system A</td>
<td>21</td>
<td>Vessels Dissection, Immunology</td>
<td>D4, 35</td>
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<td>Lecture Exam 2</td>
<td>2/22-2/26</td>
<td></td>
<td>18-20</td>
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<td>7</td>
<td>3/4</td>
<td>Immune System B; Respiratory A</td>
<td>21, 22</td>
<td>Lab Practical Exam 2</td>
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<td>Spring Break 3/11-3/17</td>
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<tr>
<td>8</td>
<td>3/18</td>
<td>Respiratory System B; Review</td>
<td>22</td>
<td>Respiratory System &amp; Physiology</td>
<td>36, 37</td>
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<td>Lecture Exam 3</td>
<td>3/22-3/26</td>
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<td>21-22</td>
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<tr>
<td>9</td>
<td>3/25</td>
<td>Digestive System</td>
<td>23</td>
<td>Digestive System</td>
<td>38</td>
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<tr>
<td>10</td>
<td>4/1</td>
<td>Nutrition, Metabolism</td>
<td>24</td>
<td>Digestive Physiology</td>
<td>39, D5, D6</td>
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<td>Lecture Exam 4</td>
<td>4/5-4/9</td>
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<td>23-24</td>
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<td>11</td>
<td>4/8</td>
<td>Urinary System</td>
<td>25</td>
<td>Lab Practical Exam 3</td>
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<td>Fluids</td>
<td>26</td>
<td>Urinary System, Urinalysis</td>
<td>40, 41</td>
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<td>Holiday 4/19-4/20</td>
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<td>13</td>
<td>4/22</td>
<td>Reproductive System</td>
<td>27</td>
<td>Reproduction &amp; Gametogenesis</td>
<td>42, 43</td>
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<tr>
<td>14</td>
<td>4/29</td>
<td>Reproduction System &amp; STDs</td>
<td>27</td>
<td>Urinary/Reproduction Dissections</td>
<td>D7, D8</td>
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<td>Lecture Exam 5</td>
<td>4/27-5/1</td>
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<td>25-27</td>
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<tr>
<td>15</td>
<td>5/6</td>
<td>Final Exam Review</td>
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<td>Lab Practical Exam 4</td>
<td></td>
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<tr>
<td>16</td>
<td>5/13</td>
<td>Comprehensive Final Exam in Class X2007 Wednesday 5/15, 9:00-10:50 am</td>
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<td>No Labs</td>
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</tr>
</tbody>
</table>

*Monday Lab attend another section later in the week*
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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>1/26</td>
</tr>
<tr>
<td>Ch 16 HW Endocrine</td>
<td>84</td>
<td>65</td>
<td>1/29</td>
</tr>
<tr>
<td>Ch 17 HW Blood</td>
<td>63</td>
<td>38</td>
<td>2/5</td>
</tr>
<tr>
<td>Ch 18 HW Heart</td>
<td>77</td>
<td>62</td>
<td>2/12</td>
</tr>
<tr>
<td>Ch 19 HW Vessels</td>
<td>82</td>
<td>73</td>
<td>2/19</td>
</tr>
<tr>
<td>Ch 20 HW Lymphatics</td>
<td>30</td>
<td>19</td>
<td>2/26</td>
</tr>
<tr>
<td>Ch 21 HW Immune</td>
<td>64</td>
<td>42</td>
<td>3/7</td>
</tr>
<tr>
<td>Ch 22 HW Respiratory</td>
<td>63</td>
<td>74</td>
<td>3/19</td>
</tr>
<tr>
<td>Ch 23 HW Digestive</td>
<td>57</td>
<td>38</td>
<td>3/28</td>
</tr>
<tr>
<td>Ch 24 HW Nutrition, Metabolism</td>
<td>57</td>
<td>39</td>
<td>4/4</td>
</tr>
<tr>
<td>Ch 25 HW Urinary</td>
<td>42</td>
<td>30</td>
<td>4/16</td>
</tr>
<tr>
<td>Ch 26 HW Fluids</td>
<td>40</td>
<td>23</td>
<td>4/23</td>
</tr>
<tr>
<td>Ch 27 HW Reproductions</td>
<td>48</td>
<td>32</td>
<td>4/25</td>
</tr>
</tbody>
</table>

Adaptive Follow up exercises may not be scheduled in your class.

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See Lab Quiz Schedule on next page
Spring 2019 A&P II Regular Track Lab 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>1/22/2019</td>
<td>Safety, Microscope, Endocrine</td>
<td>3, 27</td>
<td>Safety (Due the day of lab at 11:59PM)</td>
</tr>
<tr>
<td>2</td>
<td>1/28/2019</td>
<td>Endocrine, Blood</td>
<td>27, 29</td>
<td>Endocrine (27); Blood (29) - TWO QUIZZES DUE</td>
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<tr>
<td>3</td>
<td>2/4/2019</td>
<td>Review/Practical 1*</td>
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<td></td>
</tr>
<tr>
<td>4</td>
<td>2/11/2019</td>
<td>Heart, ECG</td>
<td>30, 31</td>
<td>Heart &amp; ECG (30 &amp; 31)</td>
</tr>
<tr>
<td>5</td>
<td>2/18/2019</td>
<td>Blood Vessels, Blood Pressure/Pulse</td>
<td>32, 33</td>
<td>Heart, Blood Vessels &amp; Blood Pressure/Pulse (32 &amp; 33)</td>
</tr>
<tr>
<td>6</td>
<td>2/25/2019**</td>
<td>Vessels Dissection, Immunology</td>
<td>D4, 35</td>
<td>Blood Vessels &amp; Immunology (32 &amp; 35)</td>
</tr>
<tr>
<td>7</td>
<td>3/4/2019</td>
<td>Review/Practical 2*</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>-***</td>
<td>***3/11/2019</td>
<td>SPRING BREAK</td>
<td></td>
<td></td>
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<tr>
<td>8</td>
<td>3/18/2019</td>
<td>Respiratory System &amp; Respiratory Physiology</td>
<td>36, 37</td>
<td>Respiratory Anatomy &amp; Physiology (36 &amp; 37)</td>
</tr>
<tr>
<td>9</td>
<td>3/24/2019</td>
<td>Digestive System</td>
<td>38</td>
<td>Respiratory Anatomy &amp; Physiology &amp; Digestive Anatomy (36, 37 &amp; 38)</td>
</tr>
<tr>
<td>10</td>
<td>4/1/2019</td>
<td>Digestive Physiology, Respiratory/Digestive Dissections</td>
<td>39, D5, D6</td>
<td>Digestive Anatomy &amp; Physiology (38 &amp; 39)</td>
</tr>
<tr>
<td>11</td>
<td>4/8/2019</td>
<td>Review/Practical 3*</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>****4/15/2019</td>
<td>Urinary System, Urinalysis</td>
<td>40, 41</td>
<td>Urinary System &amp; Urinalysis (40 &amp; 41)</td>
</tr>
<tr>
<td>13</td>
<td>4/22/2019</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>
</tr>
<tr>
<td>14</td>
<td>4/29/2019</td>
<td>Urinary/Reproduction Dissections</td>
<td>D7, D8</td>
<td>Reproductive Anatomy &amp; Gametogenesis &amp; Female Cycles (42 &amp; 43)</td>
</tr>
<tr>
<td>15</td>
<td>5/6/2019</td>
<td>Review/Practical 4*</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

*Classes Begin Tuesday - Monday Sections Attend Lab with Another Section
***The instructor reserves the right to amend this syllabus and schedule as necessary.***

**TCCTA Meeting - All Thursday DAY Sections Attend Lab with Another Section; No Change to Saturday Sections

***Spring Holiday – 3/16 Saturday Sections Do Not Meet

***** Sat 4/20 labs meet earlier in week with another section

All Quizzes for Split Sections Are Due the Night Before the First Day of Instruction for the Week (Monday or Tuesday)

*All Lab Practical Exams for Split Sections Are on the Second Day of Instruction for the Week (Wednesday or Thursday)