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

**SCIT 1408. section 21350 Hybrid online format accompanied by a traditional laboratory**

**Instructor:** Glenn Kasparian  
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**Tel:** 972-860-4755  
**Office:** X- bldg., room 2032-A  
**Office Hours:** MW 1:30pm-2:30pm; TR 3:00pm-4:00pm

**Lab Instructor:** Dr. Karen Goodwin  
**Contact:** kgoodwin@dccc.edu

**Lab:** Sat., 8:00am to 10:40am  
**room:** X2028  
**Schedule:** TBA  
**room:** X2030

**SCIT 1408 Applied Human Anatomy and Physiology II** This is a WECM Course Number. This course may not transfer for credit to university or a four year college.

**Course Description:** A continuation of Applied Human Anatomy and Physiology I designed for students considering a career in the health field. The following body systems are included: digestive, respiratory, cardiovascular, lymphatic/immune, renal/excretory, and reproductive. Emphasis is on homeostasis. This course is intended for students seeking to complete an Applied Science Degree. **(4 credit hrs., 3 Lec.,3 Lab.)**

**Prerequisite:** SCIT 1407. (BIOL 2401 will also serve as a prerequisite) 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) 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.

Students enrolled in SCIT 1408 may not enroll in BIOL 2420 or BIOL 2421 without written permission from Dr. P. Mason, pmason@dccc.edu

**Student Learning Outcomes**

Upon successful completion of this course, students will:

1. Demonstrate proper use of basic anatomical and physiological terminology.
2. Identify human structures at the cellular, tissue, and system level of the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems.
3. State basic physiological principles of the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems.
4. Identify major structures of the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems at human models and animal dissections.
5. State how the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems function separately and how each are interrelated to maintain homeostasis of the organism.

**Core Objectives**

A) Critical Thinking Skills: to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information;
B) Communication Skills: to include effective development, interpretation and expression of ideas through written, oral and visual communication;
C) Empirical and Quantitative Skills: to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions;
D) 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:**
SCIT 1408 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.

SCIT 1408 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 Texts and Materials**

1. *Human Anatomy and Physiology*, w/Modified Mastering A&P™ 10th ed, 2016. by Marieb & Hoehn. Pearson. (this is modified Mastering with student access code)  
   www.pearsonmylabandmastering.com

2. *Human Anatomy & Physiology Lab Manual* 12e (pig version) (without Mastering access code);


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 must use a computer (not an android phone) with internet access for this course. Apple computers may be incompatible with course platforms.

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

**Lab specific Requirements:**

1. Lab coat
2. Goggles
3. Disposable gloves for dissection
4. Small dissection kit
5. Closed toe shoes

**Strongly recommended:** *Taber’s Cyclopedic Medical Dictionary* (Useful for any career in health sciences)

**Institutional Policies**

Brookhaven College Institutional Policies can be found at the following link:  

**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 five 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. Each lecture examination will be comprised of multiple choice, matching, True/False, and/or essay questions and is worth 100 points. The laboratory examinations and quizzes are also comprised of multiple choice questions. Each lab practical exam is worth 100 points and each quiz is worth 10 points. There are assignments from modified Mastering A & P, http://www.pearsonmylabandmastering.com with scheduled due dates, for each chapter. A separate course is set up with a gradebook to collect scores for Mastering assignments. The letter grade earned for the course is determined by the total number of points earned during the course. In class quizzes may be given with or without announcements.

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 from the grid shown below. The course grade is determined by the following:

The course grade is determined by the following:
A letter grade scale is applied to the point system based on a percentage of the total possible points accumulated:

- 90 - 100% = A
- 80 - 89% = B
- 70 - 79% = C
- 60 - 69% = D
- 0 - 59% = F

<table>
<thead>
<tr>
<th>Description</th>
<th>Points Each</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seven (7) chapter content examinations</td>
<td>100</td>
<td>700</td>
</tr>
<tr>
<td>Mastering text homework</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Four (4) laboratory practical examinations</td>
<td>100</td>
<td>400</td>
</tr>
<tr>
<td>Ten (10) laboratory quizzes</td>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>1,300</td>
</tr>
</tbody>
</table>

Extra Credit is available in the form of a paper worth 40 points. Refer to the tab on the website entry page.

Appeals concerning grades.
All appeals shall be initiated with the section instructor. If further appeal is desired, 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. It is up to the discretion of the section 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 permission to take a lecture exam late, with a minimum late penalty of 10% per day late. All situations of this kind are handled and resolved individually between student and instructor. 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 2030**
The Biology Resource Center is for review of laboratory slides, models, dissections, and text material. This lab is staffed by a person who helps students enrolled in Anatomy and Physiology, Biology, or Microbiology. Qualified tutors are available at certain times. This is a place where you may review the material you have studied during your regular lecture or laboratory session. You may not dissect in the BRC but may review your previously dissected specimen. The BRC does not take the place of the regular lab section meeting but you are encouraged to meet classmates here for study sessions. The tutoring services will be available on a scheduled basis. No children are allowed. Please watch eCampus for schedules. Room X – 2030.

**SIX DROP ISSUE  STOP BEFORE YOU DROP**
For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop. You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions. Remember that once you have accumulated 6 non-exempt drops, you cannot drop any other courses with a "W". Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access: https://www1.dcccd.edu/coursedrops

**Repeating the Course**
Effective for Fall semester 2005, the DCCCD will charge additional tuition to students registering the third or subsequent time for a course. All third and subsequent attempts of the majority of credit and Continuing Education/Workforce Training courses will result in additional tuition to be charged. Developmental Studies and some other courses will not be charged a higher tuition rate. Third attempts include courses taken at any of the DCCCD Colleges since the Fall of 2002.

**Financial Aid**
If you are receiving Financial Aid grants or loans, you must begin attendance in all classes. Do not drop or stop attending any class without consulting the Financial Aid Office. Changes in your enrollment level and failing grades may require that you repay financial aid funds.

In an extreme emergency, and at the instructor’s discretion, a comprehensive, oral practical lab exam may be given at the end of the semester to replace a missed lab practical exam. Under no circumstances will a student be allowed to take a make-up practical exam with another class, later in the week.

**Academic Dishonesty:**
Academic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion. As a college student, you are considered to be a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog: http://www.brookhavencollege.edu/studentsvcs/spar/handbook/handbook_online.aspx http://www.tasb.org/policy/pol/private/057501/pol.cfm?DisplayPage=FLB%28LOCAL%29.pdf Incidents of academic
dishonesty will be met with a course grade of “F” in the course. Additionally, a letter describing the incident will be attached to your permanent student file. Consult the Brookhaven College Catalog for more details. Any irregularities reported by the Testing Center will result in a zero for that exam and an “F” in the course. You may not have any class materials or electronic devices during testing. Cheating in any form will be grounds for a performance grade of "F" on the exercise, removal from the course, a block placed on your transcripts, a record of the incident placed in your permanent file and Academic Disciplinary suspension. Academic dishonesty is interpreted as theft. Persons seeking careers in the health care professions are held to high ethical standards of conduct. **There is zero tolerance for Academic Dishonesty.**

**Additional Information:**
- There are several learning supplements available from the online site associated with the text.
- Students must read lecture chapters and laboratory exercises prior to lecture & lab to be successful in this class.
- Students will be quizzed orally or in a written format during lecture or lab hours.
- Tutoring is available in the Biology Resource Center where students also have access to models, slides, and additional information for success in this course. The schedule is announced at the beginning of the term. The Room is X2030.
- Check eCampus regularly, as that is where I will post grades, announcements, staff information, course information, course documents (such as lecture notes and reviews), and assignments!
- Cell phones must be silenced during lecture and laboratory. They are also not allowed in the testing center. 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 the lab portion of the course in order to receive an overall passing grade for 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 in their absence.
- 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 scantrons including exams taken in the testing center.
- Please purchase: 12-14 scantrons form NO. 815-E AND 6 scantrons NO. 882-E for lab and final exam. Purchase 7 long blue scantrons for lecture exams. You will also need a #2 pencil with a good eraser.
- I accept NO assignments via email.

To succeed in this course:
**Students must read the text and the lab manual prior to lecture and lab.** An additional 30 minutes of lecture review within 24 hrs following lecture results in maximum retention of information. Stay alert in class, be on time, ask questions from the reading in lecture. Be prepared to answer questions during lecture. Stay organized and keep a study schedule. Attend the Biology Resource Lab.

Form study groups of 2-5 students. Members must contribute to stay in the group. You can divide lab information so that each member is an expert in one or two areas and then share information. Quiz each other on lecture material, make up mnemonics for memorizing, share web sites, and support each other !!!! This course is a challenge and developing strategies for success is easier in groups.

**Good Luck & Happy Studying!**
See schedule below
<table>
<thead>
<tr>
<th>Week</th>
<th>Date: wk begins</th>
<th>Chapter Content Topic/Chapter/Exam</th>
<th>Laboratory Topic/Chapter/Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8/31</td>
<td>Endocrine System/16</td>
<td>Lab Safety, Microscope ; Endocrine/3, 27</td>
</tr>
<tr>
<td>2</td>
<td>9/7</td>
<td>Endocrine System/16</td>
<td>Endocrine Tissues/27 Blood/29</td>
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<tr>
<td>3</td>
<td>9/14</td>
<td>Exam 1 / Blood /17</td>
<td>Lab Exam 1</td>
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<tr>
<td>4</td>
<td>9/21</td>
<td>Cardiac Physiology/18</td>
<td>Blood, Heart dissection, ECG /30,31</td>
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<tr>
<td>5</td>
<td>9/28</td>
<td>Vascular Physiology/19</td>
<td>Vessels, BP, /32, 33</td>
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<tr>
<td>6</td>
<td>10/5</td>
<td>Exam 2 / Lympho-Immune system/20, 21</td>
<td>Dissection 4, Pig vessels,Immunology, Clinical Measures/35</td>
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<tr>
<td>7</td>
<td>10/12</td>
<td>Immune system/20,21</td>
<td>Lab Exam 2</td>
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<tr>
<td>8</td>
<td>10/19</td>
<td>Exam 3/Respiratory/22</td>
<td>Respiratory system /36,37</td>
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<td>9</td>
<td>10/26</td>
<td>Respiratory/22</td>
<td>Digestive system/ 38, read 39</td>
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<td>10</td>
<td>11/2</td>
<td>Exam 4/ Digestive/23</td>
<td>Resp &amp; Dig Dissection/D5, D6</td>
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<td>11</td>
<td>11/9</td>
<td>Metabolism/24</td>
<td>Lab Exam 3</td>
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<tr>
<td>12</td>
<td>11/16</td>
<td>Exam 5/Urinary system/25</td>
<td>Urinary Sys, Urinalysis/40, 41</td>
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<td>13</td>
<td>11/23</td>
<td>Acid-Base Electrolytes/26</td>
<td>Reproductive, Gametogenesis, Female/ 42, 43</td>
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<td>15</td>
<td>12/7</td>
<td>Reproductive System/ 27</td>
<td>Lab Exam 4</td>
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<tr>
<td>16</td>
<td>12/14</td>
<td>Final Exam Week – Exam 7</td>
<td>No labs open</td>
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</table>

*See "A&P II" sections under the Lab Resources tab in eCampus for a list of alternate lab sections and meeting times.

**Content Exams: Chapters covered**

- Exam 1 - Chapters: 16
- Exam 2 - Chapters: 17, 18, 19
- Exam 3 - Chapters: 20, 21
- Exam 4 - Chapters: 22
- Exam 5 - Chapters: 23, 24
- Exam 6 - Chapter: 25, 26
- Exam 7 - Chapters: 27