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Eastfield College – STEM
Human Anatomy & Physiology II
Phone: 972 860-7110
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Human Anatomy & Physiology II
SCIT 1408.41002

Fall 2015 Syllabus

Class Time
Lecture MWF 8:00am – 8:55am N237
Lab MW 9:05am – 10:25am C301

Office Hours
MWF 7:00am – 8:00am
TR 9:30am – 10:30am

Course Description
SCIT 1408 Applied Human Anatomy and Physiology II (4)
This is a WECM Course Number.
Prerequisite: SCIT 1407.
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, endocrine, renal/excretory, and reproductive. Emphasis is on homeostasis. This course is intended for students seeking to complete an Applied Science Degree. (3 Lec., 3 Lab.)

Textbooks
Required:
OR


Attendance and Participation
Students are required to attend all classes.

Syllabus Revision
This course outline is intended as an aid in helping you know your responsibilities for the semester. These guidelines may be changed, deleted or amended at any time by the instructor throughout the semester. Any changes that are made to these policies or outlines will be announced in class.

Student Learning Outcomes
1. Identify components and functions of the following body systems: digestive, respiratory, cardiovascular, lymphatic/immune, renal/excretory, and reproductive.
2. Apply anatomical terminology to describe the processes that these body systems use to maintain homeostasis of the human body.

Course Objectives
Identify and describe the anatomy of the digestive, respiratory, cardiovascular, lymphatic, immune, excretory, and reproductive systems; explain the physiology of the digestive, respiratory, cardiovascular, lymphatic, immune, excretory, and reproductive systems; use appropriate anatomical and physiological terminology when discussing the digestive, respiratory, cardiovascular, lymphatic, immune, excretory, and reproductive systems; and interpret the effect
of the digestive, respiratory, cardiovascular, lymphatic, immune, excretory, and reproductive systems on overall body homeostasis.

Course Outline

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The Cardiovascular System: The Blood</td>
<td>19</td>
</tr>
<tr>
<td>2</td>
<td>The Cardiovascular System: The Heart</td>
<td>20</td>
</tr>
<tr>
<td>3</td>
<td>The Cardiovascular System: Blood Vessels</td>
<td>21</td>
</tr>
<tr>
<td>4</td>
<td>The Lymphatic System</td>
<td>22</td>
</tr>
<tr>
<td>5</td>
<td>The Lymphatic System (cont’d)</td>
<td></td>
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<tr>
<td>6</td>
<td>EXAM I</td>
<td></td>
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<tr>
<td></td>
<td>The Endocrine System</td>
<td>18</td>
</tr>
<tr>
<td>7</td>
<td>The Respiratory System</td>
<td>23</td>
</tr>
<tr>
<td>8</td>
<td>The Digestive System</td>
<td>24</td>
</tr>
<tr>
<td>9</td>
<td>Metabolism and Nutrition</td>
<td>25</td>
</tr>
<tr>
<td>10</td>
<td>EXAM II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The Urinary System</td>
<td>26</td>
</tr>
<tr>
<td>11</td>
<td>The Urinary System (cont’d)</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Fluid, Electrolyte and Acid-Base</td>
<td>27</td>
</tr>
<tr>
<td>13</td>
<td>The Reproductive System</td>
<td>28</td>
</tr>
<tr>
<td>14</td>
<td>Development and Inheritance</td>
<td>29</td>
</tr>
<tr>
<td>15</td>
<td>Development and Inheritance (cont’d)</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>FINALS</td>
<td></td>
</tr>
</tbody>
</table>

Grading Procedure

Exams

3 Major lecture exams* 100 points each = 300 points
3 Laboratory exams 100 points each = 300 points

Final Grade

<table>
<thead>
<tr>
<th>Points</th>
<th>Percentage</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>540 – 600</td>
<td>90-100%</td>
<td>A</td>
</tr>
<tr>
<td>480 – 539</td>
<td>80-89%</td>
<td>B</td>
</tr>
<tr>
<td>420 – 479</td>
<td>70-79%</td>
<td>C</td>
</tr>
<tr>
<td>360 – 419</td>
<td>60-69%</td>
<td>D</td>
</tr>
<tr>
<td>000 – 359</td>
<td>0-59%</td>
<td>F</td>
</tr>
</tbody>
</table>

*Make-up exams

A comprehensive lecture exam will be given in case of a missed lecture examination. If a laboratory practical is missed, you will receive a grade of ZERO for the exam.

Grade Reporting

Grade reports will no longer be mailed to students. Convenient access is available online or by telephone. Use your student identification number when you log in to e-Connect or call DCCCD Touch Tone Services at (972) 613-1818. Web site address: [http://econnect.dcccd.edu/](http://econnect.dcccd.edu/).

Writing Across the Curriculum

Science courses at Eastfield College follow a principle of “Writing Across the Curriculum.” Each course incorporates a writing element. Writing is a critical part of communication of ideas, and is important in the synthesis and analysis of scientific concepts. On each exam, you will be required to write at least one essay covering a topic specific to that unit.
Classroom conduct

1. Cheating, as defined in the Student Code of Conduct, on an exam or assignment will result in a grade of **ZERO** on that exam or assignment and a failing grade for the semester;
2. Cellular phones and beepers are to be turned off before the class starts. If your cell phone goes off while class is in session, you will be asked to leave;
3. No food or drinks are allowed in the classroom or in the laboratories;
4. No children are allowed in the classroom or in the laboratories;
5. Be on time. It is disruptive to other students when one is late for class;
6. Come to class prepared. Complete reading assignments before attending lab or lecture.

Financial Aid Students

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. Failure to contact the instructor will result in your name being submitted to the Financial Aid office as a “non-attendee.” All students receiving financial aid must open an e-mail account through NetMail. (see **Student E-mail** below)

Withdrawal Policy

If at anytime you wish to drop the course with a grade of “W” you must initiate that action yourself by going in person to the Admissions, Counseling or Division Office and filling out the necessary form. **Instructors cannot and will not drop a student from any class.** The last day to withdraw from any class and receive a grade of “W” is **NOVEMBER 19, 2015.** Failure to withdraw by the final withdrawal date will result in the student receiving a performance grade based on the criteria contained in this syllabus. If you drop a class via eConnect, make sure to print a copy of the confirmation and keep a copy for your records. In the event of a discrepancy, it will be the responsibility of the student to provide documentation of having dropped the class.

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](https://www1.dcccd.edu/coursedrops).

Academic Honesty

The purpose of the Student Code of Conduct is to provide guidelines for the education environment of the Dallas County Community College District. Such an environment presupposes both rights and responsibilities. Disciplinary regulations at the college are set forth in writing in order to give students general notice of prohibited conduct. Students should be aware of disciplinary actions for all forms of academic dishonesty, including cheating, fabrication, facilitating academic dishonesty, plagiarism, and collusion. Your college catalog and the DCCCD catalog contain the entire Student Code of conduct, which is also on the internet at [http://dcccd.edu](http://dcccd.edu).

ADA Guidelines

Students with a physical, mental or learning disability who require accommodations should contact the college Disability Services Office in C237. Call 972-860-8348 or email [efcdso@dcccd.edu](mailto:efcdso@dcccd.edu). For more information: [http://www.eastfieldcollege.edu/SSI/DSO/idex.html](http://www.eastfieldcollege.edu/SSI/DSO/idex.html).
Religious Holidays/Observance
Absences for observance of a religious holy day are excused. Notification of the absence must be given to the instructor in writing at least two weeks prior to the date of the holy day. A student whose absence is excused to observe a religious holy day is allowed to contract with the instructor to take a make-up examination or complete an assignment within a mutually agreed upon time after the absence.

Emergency/Inclement Weather Procedure
In case of emergency or inclement weather conditions, Eastfield students should listen to KEOM-FM radio station (88.5) as the primary media source. In partnership with the Mesquite ISD, Eastfield College Administration will notify KEOM immediately after a decision is made to cancel classes on any given day of inclement weather or for emergency purposes. Students may also monitor other local radio and television stations. The earliest an announcement may be broadcast on KEOM Radio is 6 am. Students may also refer to the Eastfield College web page (www.eastfieldcollege.com) for the Inclement Weather announcement under the Features area of the front page. This announcement will be posted immediately following the decision to close the college.

Repeatability Issue
Pending legislative action and DCCCD Board approval, effective for Fall ’05 the Dallas County Community Colleges will charge a higher tuition rate 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 higher 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 Dallas County Community Colleges since the Fall 2002 semester. For complete information and updates, go to: http://www.dcccd.edu/ThirdCourseAttempt/.

Student E-mail
Legal privacy issues prevent me from discussing your work or grades on commercial e-mail accounts. If you wish to send your papers as attachments to an e-mail (and the instructor permits it), or if you have a question about your grades, you must open a student e-mail account. The account is free. For information on setting up a DCCCD student email account go to: http://www.dcccd.edu/netmail/home.html. All students receiving financial aid must open a student NetMail account.

Plagiarism
In any written paper, you are guilty of the academic offense known as plagiarism if you half-copy or copy the author's sentences or words. Usually this results in an automatic grade of "F" for the course. You cannot mix the author's words with your own or "plug" your synonyms into the author's sentence structure. To prevent unintentional borrowing, resist the temptation to look at the source as you write. The author's words, phrases, sentences must be put in your words, in your way of writing. When you do this, you are demonstrating the ability of understanding and comprehension.

Family Educational Rights and Privacy Act 1974 (FERPA)
In compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA), the College may release information classified as “directory information” to the general public without the written consent of the student. Directory information includes: (1) student name, (2) student address, (3) telephone numbers, (4) date and place of birth, (5) weight and height of members of athletic teams, (6) participation in officially recognized activities and sports, (7) dates of attendance, (8) educational institution most recently attended, and (9) other similar information, including major field of student and degrees and awards received. Students may protect their directory information at any time during the academic year. If no request is filed, directory information is released upon written inquiry. No telephone inquiries are acknowledged. No transcript or academic record is released without written consent from the student, except as
Children on Campus

The institution strives to protect an environment most conducive to teaching and learning for all enrolled students. Children who are taking part in organized scheduled activities or who are enrolled in specific classes are welcomed. Minor children, however, should not be brought to the institution unless closely supervised by their parent. Minor children should not be brought into classrooms, laboratories or other facilities of the college. This practice is disruptive to the learning process. In the case of an emergency where the student-parent has no alternative but to bring the child to campus, classroom faculty or the administrative heads of other units have full discretion as to whether a child may be allowed to quietly stay in the location. These individuals may require that children be removed by the student-parent from the setting if, in their opinion, the presence of the child is deemed to be disruptive to the learning process. For reasons of security and child welfare the institution will not permit unattended children to be left anywhere on the premises. Parents who have problems with childcare should visit the Counseling and/or Advisement Center to receive referrals to childcare services in the area.

Food and Drink Policy

Food, drinks, and tobacco products are prohibited in Eastfield College classrooms.

Disclaimer

The instructor reserves the right to modify class dates, presentation, testing and/or assignment dates if unforeseen circumstances cause such an adjustment. Students will receive verbal notification in class of these changes.
Food and Drink Policy Statement

We the undersigned understand that bringing drinks and food into the college classroom is a privilege and a responsibility. Out of respect for other members of the Eastfield College community, we agree to take full responsibility for our actions. This includes but is not limited to removing cans, bottles, trash, etc. from the classroom when we leave, and depositing our trash in appropriate receptacles outside the classrooms. Also, we agree to clean up spills and, if special cleaning is needed, to contact appropriate college personnel immediately.

The right and responsibility for setting classroom food and drink policy does not extend to classrooms or other areas where students and faculty are working directly with or around college property such as computers, lab materials, equipment, and/or college-owned books. Classroom and other spaces such as these will be restricted from the use of food and drink at all times for students and college personnel. In addition, the right and responsibility for setting classroom food and drink policy does not extend to items that are generally prohibited from the campus (e.g. alcohol, tobacco products).

Signature: ________________________________ Date: ________________________________