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<th>Course Information</th>
<th>Instructor Information</th>
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| **Course Title:** Applied Human Anatomy & Physiology I | Jane Slone  
Biology Faculty |
| **Fall 2015** | jslone@dccc.edu |
| **Course Number:** SCIT-1408-31420 | C building C-0100 |
| Applied Human and Physiology Cert: 09/14/2015 Drop date: 11/19/2015 | I am not on campus in the summer |
| **On Line Lecture and Lab No on campus meetings** | |

**Course Description**

This course is 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: endocrine, digestive, respiratory, cardiovascular, lymphatic/immune, renal/excretory, and reproductive. Emphasis is on homeostasis. This course is cross-listed as SCIT 1308. The student may register for either SCIT 1408 or SCIT 1308, but may receive credit for only one of the two. This course is intended for students seeking to complete an Applied Science Degree.

**Required Materials Including Textbooks (include ISBN)**

*Note: A minimum of 9 hours per week should be devoted to course material outside of class time*

*Visual Anatomy and Physiology* by Martini and Ober  
Book Publisher Pearson  

**PLEASE DO NOT ASK, CAN I USE ANOTHER BOOK. THAT IS UP TO YOU. ANOTHER BOOKS MAY NOT HAVE THE SAME MATERIAL.**

**Course Prerequisites**

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

**Disclaimer –**

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

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**Texas Core Objectives for Student learning**

Students will develop the essential knowledge and skills they need to be successful in college, in a career, in their communities, and in life. In this course, the following skills are in focus.

1. **Critical Thinking Skills** - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
2. **Communication Skills** - to include effective development, interpretation and expression of ideas through written, oral and visual communication

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

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

5. **Personal Responsibility** - to include the ability to connect choices, actions and consequences to ethical decision-making

6. **Social Responsibility**: to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

7. Students should be able to:

   - relate the structure and function of cells from the chemical level to the organ level.
   - explain the functions of the integumentary, skeletal, muscular and nervous systems using correct structural terminology.
   - explain how parts of the human body are interrelated and affect other body systems with emphasis on homeostasis.
   - predict simple diagnoses of common abnormalities in the integumentary, skeletal, muscular and nervous systems.
   - compare articles describing medical research, techniques and treatments using scientific and medical terminology.

**Student Learning Outcomes**

SCIT 1408 is NOT a core curriculum course. But this course reinforce all six of the Core Curriculum Intellectual Competencies defined by the Texas Higher Education Coordinating Board.

1. **READING**: Reading at the college level means the ability to analyze and interpret a variety of printed materials—books, articles and documents. A core curriculum should offer students the opportunity to master both general methods of analyzing printed materials and specific methods for analyzing the subject matter of individual disciplines.

2. **WRITING**: Competency in writing is the ability to produce clear, correct and coherent prose adapted to purpose, occasion, and audience. Although correct grammar, spelling and punctuation are each a sine qua non in any composition, they do not automatically ensure that the composition itself makes sense or that the writer has much of anything to say. Students need to be familiar with the writing process including how to discover a topic and how to develop and organize it, how to phrase it effectively for their audience. These abilities can be acquired only through practice and reflection.
3. SPEAKING: Competence in speaking is the ability to communicate orally in clear, coherent and persuasive language appropriate to purpose, occasion and audience. Developing this competency includes acquiring poise and developing control of the language through experience in making presentations to small groups, to large groups and through the media.

4. LISTENING: Listening at the college level means the ability to analyze and interpret various forms of spoken communication.

5. CRITICAL THINKING: Critical thinking embraces methods of applying both qualitative and quantitative skills analytically and creatively to subject matter in order to evaluate arguments and to construct alternative strategies. Problem solving is one of the applications of critical thinking, used to address an identified task.

6. COMPUTER LITERACY: Computer Literacy at the college level means the ability to use computer-based technology in communicating, solving problems and acquiring information. Core-educated students should have an understanding of the limits, problems and possibilities associated with the use of technology and should have the tools necessary to evaluate and learn new technologies as they become available.

Exams and Assignments

* For maximum success in this course you should spend a **Minimum** of 8 hours per week working on course material.

Below

THERE IS NOT A SET DATE FOR THE EXAMS THEY OPEN THE FIRST CLASS DAY AND WILL REMAIN OPEN, UNTIL August 7th AS STATED IN THE CLASS CALENDAR.

ALL WORK MUST BE COMPLETED BY 12/14/2015 10:00 PM

Lecture exams and lab practical’s will be open for you to take when you have studied and are ready to take.

**You may take lecture exams twice.** Higher of the two grades will apply.

Practical’s only once.

The better of the two grades will count. Sometime when you retake a test, I have to go in and change the grade to the better of the two.

**If you go over the time limit it is a minus 2pts per question.**
Grades for the course will be based upon the accumulation of the total number of points assigned using the following scale:

- **A** 540 – 600
- **B** 480 – 539
- **C** 420 – 479
- **D** 360 – 419
- **F** ≤ 359

Exam one Chapters 17, 18, and 19
Blood, Cardiovascular and Lymphatic
Exam two chapters 20, 21, and 22
Respiratory, Nutrition, Metabolism and Digestive system
Exam three Chapters 23 and 24 Urinary and Fluid Electrolyte
Exam four Chapters 25 and 26 Reproductive and Development and Inheritance

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 six 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 six 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:

http://www.dcccd.edu/Why/Reg/Registration/Pages/default.aspx

Withdrawal Policy

11/19/2015

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 November 19th. 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/withdrawal deadline, you will receive a “W” (Withdraw) in
each class dropped. See institutional policies for additional information on withdrawals

Attendance Policy
Does not apply to online classes

Emergency Closings
Does not apply to online students

Classroom Policies
Does not apply to online students

Course Outline
For maximum success in this course you should spend a minimum of 9 hours per week working on course material.

Lecture exams will open twice. Higher of the two grades. Labs will open only one time. Lab is based on all diagrams, pictures, as well as reading material from the book. Exams are timed and 2pts deducted for each minute over the time limit.

**INSTITUTIONAL POLICIES**

EXAMS ARE OPEN ON THE FIRST DAY OF CLASS AND REMAIN OPEN FOR YOU TO TAKE WHEN YOU ARE READY. This allows you to plan around work and home. THIS IS BASED ON THE NEW TEXTBOOK. *Visual Anatomy and Physiology*  

**ALL WORK MUST BECOMPLETED BY AT December 14th at 10:00pm**

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<th>Topics</th>
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<td>18 Cardiovascular System</td>
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<td>19 Lymphatic System</td>
<td>Exam</td>
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<td>21 Digestive System</td>
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<td>22 Nutrition and Metabolism</td>
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<td>20 Respiratory System</td>
<td>Exam</td>
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<td>23 Urinary System</td>
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<td>24 Water, Electrolyte, and Acid-Base Balance</td>
<td>Exam</td>
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QUALITY ENHANCEMENT PLAN

Cedar Valley College's Quality Enhancement Plan is designed to improve student learning in mathematics. Read more about our QEP at: http://www.cedarvalleycollege.edu/QEP/default.aspx

Academic Advising

Academic Advising is a collaborative educational process whereby students and their advisors are partners in meeting the students' academic, personal, and career goals. This partnership is a process that is built over the student’s entire educational career at Cedar Valley College.

Educational planning is available to all students. First time in college students must meet with academic advisors prior to enrolling in classes; however, continuing students may choose to see faculty advisors, faculty counselors, and/or program coordinators after classes begin. All parties have clear responsibilities for ensuring a successful partnership. For more information, you may access: https://www.cedarvalleycollege.edu/FutureStudents/StudentServices/AcademicAdvising/Pictures/AdvisingSyllabus.pdf

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<tr>
<th>Ch. 25 Reproductive Systems</th>
<th>Ch. 26 Pregnancy, Growth, and Development</th>
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Academic Honesty

Academic honesty is expected, and integrity is valued in the Dallas County Community Colleges. Scholastic 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.

ADA Statement

If you are a student with a disability and/or special needs who requires accommodations, please contact the college Disability Services Office at 972-860-8119.

Emergency Alert

Sign up for DCCCD Emergency Alerts to receive a text-message, email and/or phone call when there is an unscheduled evacuation or closure of a DCCCD campus or office because of weather closures, utility outages, police or other emergencies. Subscribing is free, but standard text message charges from your cell phone provider will apply. Please refer to: http://www.dcccd.edu/SS/OnlineSvs/EmergAlerts/Pages/default.aspx

Financial Aid

Students who are receiving any form of financial aid should check with the Financial Aid Office prior to withdrawing from classes. Withdrawals may affect your eligibility to receive further aid and could cause you to be in a position of repayment for the current semester. Students who fail to attend or participate after the drop date are also subject to this policy.

Health Center Services

- Basic first aid for minor cuts, scrapes, insect stings, and heat, etc.
- Over-the-counter medications for headaches, fever, seasonal allergies, and colds
- Over-the-counter medications for mild allergic reactions
- Emergency sanitary pads
- Blood Pressure check
- Coordination with outside health agencies such as Carter Blood Care; Dallas County Health Dept. (HIV/STD testing--free, twice a semester); UT Southwestern mobile mammography; Immunizations once a month for children <19 y.o. from the DCDHHS; Agape Massage; and Employee Wellness Screening
- Rest area for stress relief, migraine headaches, post seizure activity
- AED (Automatic External Defibrillator) for CPR
- Confidential "talks"
- Assists with health related club activities when asked and time permits

Honors Credit Availability

You can earn Honors Credit in this course that will show the
completion of an Honors Course on your transcript. Honors credit is important in transfer evaluation for graduation with both Associates and Bachelor degrees with honors. To gain Honors credit for this course you will need to:

1. Demonstrate advanced writing skills through synthesis and original thought in expanded writing projects, research papers, and critical essays. This will entail a minimum of ten pages of writing. You will be asked to read primary sources readings besides the textbook
2. Participate in an outside class activity by attending a lecture, exhibit or program outside of the class activities
3. You will practice your oral presentation skills with a 10-minute presentation to the class about a topic that you have researched

To qualify for Honors credit, you must sign an Honors Contract at the beginning of the semester. Meet with me to design your program and complete the contract form by (Insert appropriate dates for current semester) in order to meet the (Insert appropriate dates for current semester) deadline for submission of Honors Contracts for approval. Finally, you must earn an A or B in the course in order to receive Honors Credit.

Religious Holidays Absences for observance of a religious holy day are excused. A student whose absence is excused to observe a religious holy day is allowed to take a make-up examination or complete an assignment within a reasonable time after the absence.

Repeating this Course Effective for Fall Semester 2005, the Dallas County Community Colleges will charge additional tuition to students registering the third or subsequent time for a course. This class may not be repeated for the third or subsequent time without paying the additional tuition. Third attempts include courses taken at any of the Dallas County Community Colleges since the fall 2002 semester. More information is available at: http://www.dcccd.edu/PC/Cost/3rdCrseAttmpt/Pages/default.aspx

Student Code of Conduct As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog. More information is available at: https://www1.dcccd.edu/catalog/ss/code.cfm?loc=CVC

Tutoring Services Location and Hours listed in catalog.