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<th>Course Information</th>
<th>Instructor Information</th>
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| **Course Title:** Applied Human Anatomy & Physiology SCIT 1407 | Jane Slone  
Biology Faculty  
SCIT 1407 and SCIT 1408 |
| FALL 2015 | jslone@dcccd.edu |
| **Course Number SCIT 1407 SCIT -1407-31420**  
**Drop 11/19/2015**  
**Cert 09/14/2015** | **C-001 Lower C building**  
**Division Distance Learning**  
**Dean: Dr. L. Nightingale**  
**Phone:972-860-** |
| **On Line Lecture and Lab/ No on campus meetings or exams** | **Office Hours by Appointment (not on campus in the summer)** |
| **Course Description**  
This Course is an in-depth study of the structure and function of the human body. Topics include cell structure and function; tissues; body organization; and the integumentary, skeletal, muscular, nervous and endocrine systems. Emphasis is on homeostasis. This course is cross-listed as SCIT 1307. The student may register for either SCIT 1407 or SCIT 1307, 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 as necessary. |

**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.

SCIT 1407 is **NOT** a core curriculum course. But this course Reinforces 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

YOU MAY TAKE YOUR EXAMS AT YOUR OWN LEARNING PACE. There is a cutoff date. Be sure you have all work before the date provided to you. 12/14/2015AT 10:00 PM

Exams are open to take at your own time.
Lecture exams will open twice, and the higher of the two grades will stand. Lab exams will open once.
THERE IS NO EXTRA CREDIT IN THIS CLASS
If you are locked out of an exam do not reopen the second attempt.
All work must be submitted by December 14th 10:00 pm
Drop date is 09/14/2015

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

Lecture exam one Chapters 1-2-3
Lecture exam two Chapters 4-5-6
Lecture exam three Chapters 7-8-9
Lecture exam four Chapters 10-11-12
Lecture exam five Chapters 13-14-15

1-2-3 Introduction, Chemical level, Cellular level
4-5-6 Tissue level, Integumentary, Osseous tissue
7-8-9 Skeleton, Articulations, Skeletal muscle
10-11-12 Muscular system, Neural tissue, Spinal cord, Nerve Reflexes
13-14-15 Brain and cranial nerves, Autonomic system, Special senses
Lab exam one 1-2-3
Lab exam two 4-5-6
Lab exam three 7-8-9
Lab exam four 10-11-12
Lab exam five 13-14-15

Grading is based on total points achieved

750 total possible points

675 to 750 = A
600 to 674 = B
525 to 599 = C
450 to 524 = D
449 or below = F

**Minimum of 8 hours per week working on course material.**

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Lab exam four 10-11-12
Lab exam five 13-14-15

Grading is based on total points achieved

750 total possible points

675 to 750 = A
600 to 674 = B
525 to 599 = C
450 to 524 = D
The exams are open and can be taken, when you are ready to take your test. I like to give students the opportunity, to build their own schedule. This allows you time to study and make the best use of your study time. There is a cutoff date, see above.

If you wait until the last minute, it will limit exams being examined by me, should you have a question.

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.

SCIT-1407-35430 and SCIT-1408-35430
Drop 11/19
Cert 9/14

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
Not applicable

Emergency Closings
Not applicable

Classroom Policies
Not applicable
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.

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<tr>
<th>INSTITUTIONAL</th>
<th>QUALITY ENHANCEMENT PLAN</th>
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<tbody>
<tr>
<td>Week 1</td>
<td>Ch 1 Introduction to Human Anatomy and Physiology</td>
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<tr>
<td>Week 2</td>
<td>Ch 2 Chemical Level of Organization</td>
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<tr>
<td>Week 3</td>
<td>Ch 3 Cellular Level of Organization</td>
</tr>
<tr>
<td>Week 4</td>
<td>Ch 4 Tissue Level of Organization</td>
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<td>Week 5</td>
<td>Ch 5 The Integumentary System</td>
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<td>Week 6</td>
<td>Ch 6 Osseous Tissue and Bone Structure</td>
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<td>Week 7</td>
<td>Ch 7 the Skeleton</td>
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<td>Week 8</td>
<td>Ch 8 Articulations</td>
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<td>Week 9</td>
<td>Ch 9 Skeletal Muscle Tissue</td>
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<td>Week 10</td>
<td>Ch 10 The Muscular System</td>
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<td>Week 11</td>
<td>Ch 11 Neural Tissue</td>
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<td>Week 12</td>
<td>Ch 12 The Spinal Cord, Spinal Nerves and Spinal Reflexes</td>
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<tr>
<td>Week 13</td>
<td>Ch 13 The Brain and Cranial Nerves</td>
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<tr>
<td>Week 14</td>
<td>Ch 14 The Autonomic Nervous System</td>
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<tr>
<td>Week 15</td>
<td>Ch 15 The Special Senses</td>
</tr>
<tr>
<td>Week 16</td>
<td>Ch 16 The Endocrine System This may not be covered</td>
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</tbody>
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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

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, e-mail 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 (if applicable)**

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:
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<tr>
<th><strong>Student Code of Conduct</strong></th>
<th>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: <a href="https://www1.dcccd.edu/catalog/ss/code.cfm?loc=CVC">https://www1.dcccd.edu/catalog/ss/code.cfm?loc=CVC</a></th>
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<tr>
<td><strong>Tutoring Services</strong></td>
<td>Location and Hours are found in the student schedule</td>
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