GENERAL INFORMATION
College Name            Cedar Valley College
Division                Math, Science and Allied Health
Semester/Term & Year    Summer 2011

INSTRUCTOR INFORMATION
Name                    Jane Slone
DCCCD E-mail address    jslone@dcccd.edu
Office Hours            this is an online class and you can reach me by e mail

COURSE INFORMATION
Course Number           SCIT 1407
Section Number          3430
Credit Hours            Four (4)
Class Meeting Time      This does not apply to online students
Class Location          
Course Title            Applied Human Anatomy & Physiology I

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.

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.

Intellectual Competencies
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.

Student Learning Outcomes

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.

**Course Outline**

<table>
<thead>
<tr>
<th>Exam 1-2-3</th>
<th>Ch 1 Introduction to Human Anatomy and Physiology</th>
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<tbody>
<tr>
<td></td>
<td>Ch 2 Chemical Level of Organization</td>
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<td>Ch 3 Cellular Level of Organization</td>
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<td>Exam 4-5-6</td>
<td>Ch 4 Tissue Level of Organization</td>
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<td>Ch 5 The Integumentary System</td>
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<td>Ch 6 Osseous Tissue and Bone Structure</td>
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<td>Exam 7-8-9</td>
<td>Ch 7 the Skeleton</td>
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<td>Ch 8 Articulations</td>
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<td>Ch 9 Skeletal Muscle Tissue</td>
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<td>Exam 10-11-12-13-14</td>
<td>Ch 10 The Muscular System</td>
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<td>See objectives</td>
<td>Ch 11 Neural Tissue</td>
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<td>Not on this exam</td>
<td>Ch 12 The Spinal Cord, Spinal Nerves and Spinal Reflexes</td>
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<tr>
<td>Not on this exam</td>
<td>Ch 13 The Brain and Cranial Nerves</td>
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<td>Not on this exam</td>
<td>Ch 14 The Autonomic Nervous System</td>
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<td>Ch 15 The Special Senses</td>
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<td>Ch 16 The Endocrine System</td>
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For maximum success in this course you should spend a minimum of 8 hours per week working on course material.

Exam ONE Chapters 1-2 and 3
Exam TWO Chapters 4-5-6
Exam Three Chapters 7-8-9
Exam FOUR Chapters 10-11-13

Exams are open the first day of class, and will allow you to take when you are ready. This will allow you to take around your schedule.

Lecture exams can be taken twice. Lab exams once. The higher of the two grades will count

**Required or Recommended Materials**  
*Visual Anatomy and Physiology* by Martinie and Ober  
Book Publisher Pearson

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

Student grades, study materials, reminders are posted on the class eCampus site. Go to www.cedarvalleycollege.edu and click on eCampus at the top under Current Students. Click Access Courses. Log in with your student ID number preceded by a small e, and your password. Under “Courses” you should find Applied Human Anatomy and Physiology I as a course. If you cannot access eCampus, call technical support at 972-669-6402. For questions about the content of the course page, email jslone@dccc.edu.

The lecture PowerPoints, Discussion Board, Grade Center, and External Links are located on this site. High speed internet access is recommended. Computers are available on campus in the computer labs and the libraries (C104, A206, B116, C226, or M226).

**Evaluation Procedures**

Assessment of your performance will be based upon scores from **Four 100-point exams covering material from lecture material.**

There will be four 50 point practical’s covering material from the text as well. (Sometimes the lecture and lab are combined)

Each lecture exam can be taken twice, the higher of the two grades. **If you are locked out of the exam, that will count as one time. Do not take an exam again, until you determine why you were locked out of the exam.**

**Lab exams one time only.**

. There will be lab assignments, quizzes, lecture presentations, online assignments and lecture assignments. These are designed to aid student learning and retention and give you an opportunity to get feedback and check your progress. They **are not** taken for a grade. Many opportunities are given to practice the kinds of skills necessary to do well on the exams before the exam is given. Participation in these activities and labs is optional, but required
for the level of learning that will be necessary to satisfactorily complete the exams.

**Grading Scale**

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

This grading scale is based on the total points of the exams. You must determine if you need to take an exam again, based on the grade you want to obtain.

There is no extra credit work in this course, by allowing you to take the exam twice, even though they are different exams, this allows you to study and learn the material, then re-test.

**Exams and Assignments**

The exams are open and can be taken within the time period provided. They are timed and will be provided for a lecture exam and a lab exam. They do not have to be taken at the exact same time. Each exam will open twice. The exams will be different.

**Alternative Instructional Support**

There are several learning aids available to you. You are encouraged to utilize any and/or all of the following resources:

1. Tutoring and supervised study (free of charge) in the Tutoring Center C206. There are usually science tutors available as well as workshops on study skills. A specific A&P tutor is sometimes not available.
2. Services available from CVC Special Services L108.
3. The textbook publisher has a website that goes with the text. The student study outlines may help some as they read the textbook. Study on the Fly has animations like those used in the lecture PowerPoint’s.

**Attendance Policy**

THE FOLLOWING DOES NOT APPLY TO ONLINE STUDENTS
Students are expected to regularly attend all classes in which they are enrolled. In a discussion class, regular and punctual attendance is vital to success. Any assignments missed during an absence cannot be made up. Excused or unexcused absences will be counted the same. Students are not permitted to conduct unwarranted class interruptions by exiting and reentering class without approval. If you anticipate your early departure from a class session, you should discuss the circumstances with the instructor before class begins. Continual disregard of any of these policies could result in your expulsion from the course.

INSTRUCTOR POLICIES

I expect that students will not withdraw from this course without talking to the instructor. There are success strategies and help available if it is requested early.

THE FOLLOWING DOES NOT APPLY TO ONLINE STUDENTS

If you have to miss a class, tell me in advance. There may be another section of the class that you can attend to help you with the material that you missed. You may also be able to find out what we did by calling a classmate.

I expect that students will support each other and help the entire group succeed. You should plan on getting to know each other very well and holding each other accountable. Study groups are more than just a suggestion; they are almost required.

Cell Phone Policy

THE FOLLOWING DOES NOT APPLY TO ONLINE STUDENTS

Cell phones should be turned off or put in “silent” mode before class begins. A ringing cell phone is a disruption to the class and may result in the offending student being dismissed from the remainder of class. Frequent cell phone disruptions, including texting, may result in disciplinary action.

Use of a cell phone during testing or other graded work conducted within the classroom or Testing Center will be considered an act of academic dishonesty and will be subject to the penalties specified in this syllabus under the heading of Academic Honesty.
Food and Drink

Food is not allowed in our classrooms. In lecture rooms, only water is acceptable provided it has a lid. In lab rooms, no food or drinks are allowed for safety reasons.

INSTITUTIONAL POLICIES

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.

The following does not apply to online students

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.

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.

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/cat1011/cattoc.cfm

Withdrawal Policy

Check with the Registrar’s office, for

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 _________. Failure to do so will result in you 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.

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: https://www1.dcccd.edu/coursedops

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: https://www1.dcccd.edu/catalog/ss/oepthird_attempt.cfm

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.

Disclaimer

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