# SCIT 1408 3430
Applied Human Anatomy & Physiology II
Cedar Valley College

## GENERAL INFORMATION
<table>
<thead>
<tr>
<th>College Name</th>
<th>Cedar Valley College</th>
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<tbody>
<tr>
<td>Division</td>
<td>Math, Science and Allied Health</td>
</tr>
<tr>
<td>Semester/Term &amp; Year</td>
<td>Summer 2012</td>
</tr>
</tbody>
</table>

## INSTRUCTOR INFORMATION
<table>
<thead>
<tr>
<th>Name</th>
<th>Jane Slone</th>
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</thead>
<tbody>
<tr>
<td>DCCCD E-mail address</td>
<td><a href="mailto:jslone@dcccd.edu">jslone@dcccd.edu</a></td>
</tr>
<tr>
<td>Telephone</td>
<td>972-860-8174</td>
</tr>
<tr>
<td>Office Number</td>
<td>M225K</td>
</tr>
<tr>
<td>Office Hours (FT faculty)</td>
<td>You can reach me by e mail. I am not on campus in the summer.</td>
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## COURSE INFORMATION
<table>
<thead>
<tr>
<th>Course Number</th>
<th>SCIT 1408 (2011S1-1408 3420)</th>
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<tbody>
<tr>
<td>Section Number</td>
<td>3420</td>
</tr>
<tr>
<td>Credit Hours</td>
<td>Four (4)</td>
</tr>
<tr>
<td>Class Meeting Time</td>
<td>ON-LINE CLASS FOR LECTURE AND LAB</td>
</tr>
<tr>
<td>Class Location</td>
<td>Applied Human Anatomy &amp; Physiology II</td>
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### 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.

### Course Prerequisites
SCIT 1407

### Required or Recommended Materials
*Visual Anatomy and Physiology*
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.

**Student Learning**

Students should be able to:

**Outcomes**

- explain the functions of each organ system of the body 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 in the endocrine, cardiovascular, lymphatic, digestive, respiratory, urinary, and reproductive systems.
- compare articles describing medical research, techniques and treatments using scientific and medical terminology.

**Course Outline**

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*

<table>
<thead>
<tr>
<th>Exam</th>
<th>Chapters</th>
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<tbody>
<tr>
<td>Ch. 17 Blood</td>
<td>17,18 and 19 Blood, Cardiovascular and Lymphatic</td>
</tr>
<tr>
<td>Ch. 18 Cardiovascular System</td>
<td></td>
</tr>
<tr>
<td>Ch. 19 Lymphatic System</td>
<td></td>
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<tr>
<td>Exam</td>
<td></td>
</tr>
<tr>
<td>Ch. 20 Respiratory System</td>
<td></td>
</tr>
<tr>
<td>Ch. 21 Digestive System</td>
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<tr>
<td>Ch. 22 Nutrition and Metabolism</td>
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<tr>
<td>Exam</td>
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<tr>
<td>Ch. 23 Urinary System</td>
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<tr>
<td>Ch. 24 Water, Electrolyte, and Acid-Base Balance</td>
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<tr>
<td>Exam</td>
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<tr>
<td>Ch. 25 Reproductive Systems</td>
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<tr>
<td>Ch. 26 Pregnancy, Growth, and Development</td>
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<tr>
<td>exam</td>
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Exam three Chapters 23 and 24 Chapters Urinary and Fluid Electrolyte
Exam four Chapters 25 and 26 Chapter Reproductive and Development and Inheritance

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

**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 lab. 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.

Exams 1-2-3 and 4 100 pts. each

Lab exams 1-2-3-4 50 pts. each

**THESE 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 not optional, but required for the level of learning that will be necessary to satisfactorily complete the exams.

The lab portion of this class is completed by assignments on ecampus and materials from the textbook.

All information will come from drawings, pictures or diagrams as well as functional information, on the systems.

This can be found in the text and on ecampus.

**THESE ARE NOT TAKEN FOR A GRADE**

**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
Attendance Policy
Verification that you are enrolled in this class must be completed before the 12th class day. This is accomplished by completing a quiz on e campus.

Exams and Assignments
THERE IS NOT A SET DATE FOR THE EXAMS THEY OPEN THE FIRST CLASS DAY AND WILL REMAIN OPEN, UNTIL THE LAST CLASS DAY.
Lecture exams and lab practicals 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.

The better of the two grades should 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.

Practical's only once. If you are locked out there will be a 10 question make up test of fill in the blank.

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

Alternative Instructional Support
There are several learning aids available to you. You are encouraged utilizing 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. There are online study aids. These are found one campus.
4. The study aids are not for a grade. They will show a grade, but they are not used in the calculation of the final grade.
INSTITUTIONAL POLICIES

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/current%20students/student%20services/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
• Student Health101, e-magazine http://readsh101.com/cedarvalleycollege.html
• 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 date stated in the academic calendar in order to meet the 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: https://www1.dcccd.edu/catalog/ss/oepthird_attempt.cfm

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/cat1011/cattoc.cfm

Tutoring Services
Location and Hours

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

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

This class begins on 06/06/12 and ends on 08/09/12. There are two sections combined together. All information is the same for both classes.

SCIT-1408-3430 Applied Human Anatomy/Phys II

SCIT-1408-9004 Applied Human Anatomy/Phys II