Class Time
  Lecture  MTWR  5:30pm – 7:30pm  N201
  Lab  MTWR  7:40pm – 9:40pm  S301

Office Hours  MTWR  5:00pm – 5:30pm or by appointment as needed.

Course Description
  SCIT 1408 (4 Credit Hours)
  Applied Human Anatomy and Physiology II
  This is a WECM Course Number.
  Prerequisite: SCIT 1407.
  Course Description: 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, 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.)

Prerequisite
  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 modify class dates, presentation, testing and assignment dates if unforeseen circumstances cause such an adjustment. Students will receive verbal notification in class of these changes.

Textbooks


Attendance and Participation
  Students are required to attend all classes. It will be impossible to complete this course in a satisfactory manner if you have excessive absences and/or tardies.

Course Objectives
  1. to study the organization of the body; anatomical and physiological;
  2. to gain an understanding of the structural and functional relationships for correlation and coordination of internal and external activities;
  3. to provide a basic background in anatomy and physiology for students seeking and Associate Degree in Nursing and some allied health disciplines;
  4. to provide a background for an understanding of the scientific method.
Student Learning Outcomes
1. Upon the completion of the SCIT 1407/1408 pathway, students should be able to describe the effects of the endocrine system on other body systems.
2. Upon completion of this pathway, students should be able to:
   a. Define homeostasis
   b. Identify the body systems directing homeostasis
   c. Identify key parts of the feedback mechanism
   d. Identify examples of homeostasis in body systems
3. Describe the components of the organ systems of the human body.

Course Outline

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<tr>
<th>Dates</th>
<th>Topic</th>
<th>Chapters</th>
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<td>JULY 9th</td>
<td>The Cardiovascular System: Blood</td>
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<td>The Cardiovascular System: Heart</td>
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<td>JULY 12th</td>
<td><strong>CENSUS DATE</strong></td>
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<td>The Cardiovascular System: Vessels</td>
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<td>The Lymphatic System</td>
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<td><strong>Lab Practical #1</strong></td>
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<td><strong>Lecture Exam #1</strong></td>
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<td>The Endocrine System</td>
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<td>The Respiratory System</td>
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<td>The Digestive System</td>
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<td><strong>Lab Practical #2</strong></td>
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<td><strong>Lecture Exam #2</strong></td>
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<td>The Urinary System</td>
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<td>AUGUST 2nd</td>
<td><em>LAST DAY TO WITHDRAWAL WITH A GRADE OF W</em></td>
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<td>Fluid, Electrolyte and Acid-Base</td>
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<td>The Reproductive System</td>
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<td>Development and Inheritance</td>
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<td>AUGUST 9th</td>
<td><strong>Lab Practical #3</strong></td>
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<tr>
<td>AUGUST 9th</td>
<td><strong>Lecture Exam #3</strong></td>
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</tbody>
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Grading Procedure

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

Final Grade
- 540 – 600 points = 90-100% = A
- 480 – 539 points = 80-89% = B
- 420 – 479 points = 70-79% = C
- 360 – 419 points = 60-69% = D
- 000 – 359 points = 0-59% = F
*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. There will be no make-up lab exams.

Classroom Conduct

1. Cheating on an exam will result in a grade of ZERO on that exam and a failing grade for the semester;
2. Cellular phones and beepers are to be turned off before the class starts;
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.

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. 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 should open an E-mail account through NetMail. See directions in this syllabus for opening an E-mail account.

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” for the SUMMER II semester is AUGUST 2, 2012. 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

Academic Honesty

The purpose of the Student Code of Conduct is to provide guidelines for the educational environment of the Dallas County Community College System. 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. The Eastfield College Catalog and the DCCC Catalog contain the entire Student Code of Conduct, which is also on the internet at http://dccc.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. For more information: http://www.eastfieldcollege.edu/SSI/DSO/index.html.

Religious Holidays/Observances
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 (88.5FM) as the primary media source. In partnership with the Mesquite Independent School District, 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 a.m. 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. The announcement will be posted immediately following the decision to close the college.

Repeatability Issue
Pending legislative action and DCCCD Board approval, effective for Fall Semester 2005, 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 email
Legal privacy issues prevent your instructor from discussing your work or your 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 questions about your grade, you must open a student e-mail account. The account is free. You may set it up by going to www.dcccd.edu and clicking on Student Services, OnLine Services, and Student NetMail. All students receiving financial aid must open a NetMail account.

Obtaining your grades at the end of the semester
Grade reports are no longer mailed. Convenient access is available online or by telephone. Just use your student identification number when you log in to e-Connect or call DCCCD Touch Tone Services. Web site address: http://econnect.dcccd.edu/ Telephone number: 972-613-1818.

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 of 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 specified by law.

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.

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

SCANS SKILLS
Secretary’s Commission on Achieving Necessary Skills

FOUNDATION SKILLS

Basic Skills
(F1) READING – locates, understands and interprets written information
(F2) WRITING – communicates thoughts, ideas, information in writing
(F3) ARITHMETIC – performs basic computations
(F4) MATHEMATICS – chooses appropriate mathematical techniques
(F5) LISTENING – receives, interprets, and responds to verbal messages and cues
(F6) SPEAKING – organizes ideas and communicates orally

Thinking Skills
(F7) CREATIVE THINKING – generates new ideas
(F8) DECISION MAKING – specifies goals and constraints, chooses best alternatives
(F9) PROBLEM SOLVING – recognizes problem and devises/implements a solution
(F10) MENTAL VERBALIZATION – thinking about what something will be
(F11) KNOWING HOW TO LEARN – uses efficient learning techniques
(F12) REASONING – discovers and applies underlying rules or principles

Personal Qualities
(F13) RESPONSIBILITY – exerts a high level of effort and perseveres toward goals
(F14) SELF-ESTEEM – believes in oneself and maintains a positive view of self
(F15) SOCIABILITY – demonstrates to others that you care about them
(F16) SELF-MANAGEMENT – assesses self accurately, sets goals, exhibits self control
(F17) INTEGRITY/HONESTY – chooses ethical courses of action

WORKPLACE COMPETENCIES

Manages
(C1) MANAGES TIME – sets relevant, goal related activities, ranks and allocates time
(C2) MANAGES MONEY – uses or prepares budgets, keeps detailed records
Resources

(C3) MANAGES MATERIAL – acquires, stores, and distributes materials, supplies, etc.
(C4) MANAGES HUMAN RESOURCES – assesses skills and distributes work

Manages

(C5) ACQUIRES INFORMATION – identifies need for data, obtains and evaluates
(C6) ORGANIZES INFORMATION – organizes, processes, and maintains information
(C7) INTERPRETS INFORMATION – selects, analyzes info – communicates results
(C8) USES COMPUTERS – to acquire, organize, analyze, and communicate information

Inter-

(C9) PARTICIPATES AS A MEMBER OF A TEAM – contributes to group effort
(C10) TEACHES OTHERS – helps others learn needed knowledge and skills

Personal

(C11) SERVES CLIENTS/CUSTOMERS – works to satisfy client/customer expectations
(C12) EXERCISES LEADERSHIP – communicates ideas to justify position and lead others
(C13) NEGOTIATES – works toward agreements involving an exchange of resources
(C14) WORKS WITH DIVERSITY – works well with people from diverse backgrounds

Skills

(C15) UNDERSTANDS SYSTEMS – social, organizational, and technological systems
(C16) MONITORS SYSTEMS – distinguishes trends, predicts impact
(C17) IMPROVES SYSTEMS – makes suggestions to modify existing systems

Systems

(C18) SELECTS TECHNOLOGY – judges which technology will produce desired results

Technology

(C19) APPLIES TECHNOLOGY – understands procedure for setup and use of machines
(C20) MAINTAINS TECHNOLOGY – prevents, identifies, or solves technological problems