

Eastfield College
Science and PE Department
SCIT 1408
Applied Human Anatomy and Physiology II
Standard Course Syllabus

Class Time and Location

Lecture
Lab

Instructor : Name:
Office Hours:
Office Phone:
E-mail Address:

Course Description

This is the second course of a two course sequence. Structure and function as related to the human circulatory, respiratory, urinary, digestive, reproductive, and endocrine systems are studied. Emphasis is placed on the interrelationships of these systems. (3Lec., 3Lab.)
(Coordinating Board Academic Approval Number 2607065124)

Prerequisites

SCIT 1407 or demonstrated competence approved by the instructor.

Textbooks

A. Required:

Principles of Anatomy and Physiology, 12th edition, Tortora, G. J., and Derrickson, B., John Wiley and Sons, Inc., 2009, New Jersey, ISBN 0-470-08471-7.

Human Anatomy and Physiology Laboratory Manual – Cat version, 9th edition, Media Update, 9/e packaged with Practice Anatomy Lab 2.0, Marieb, E. N. and Mitchell, S.J., Benjamin Cummings, 2008 San Francisco. ISBN 0321575032

Educational 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 strong basic background in anatomy and physiology for preprofessional students seeking professional degrees
4. to provide a foundation for future courses in biology, embryology, comparative anatomy, histology, pathology, physiology and anatomy.
5. To provide a background for an understanding of the scientific method.

Learning Outcomes

Identify and describe the anatomy of the digestive, respiratory, cardiovascular, lymphatic, immune, excretory, and reproductive systems; explain the physiology of the digestive, respiratory,

cardiovascular, lymphatic, immune, excretory, and reproductive systems; use appropriate anatomical and physiological terminology when discussing the digestive, respiratory, cardiovascular, lymphatic, immune, excretory, and reproductive systems; and interpret the effect of the digestive, respiratory, cardiovascular, lymphatic, immune, excretory, and reproductive systems on overall body homeostasis.

Course Outline

<u>Dates</u>	<u>Topic</u>	<u>Chapters</u>
	Sensory, Motor, and Integrative Systems	16
	The Special Senses	17
	The Endocrine System	18
	The Endocrine System continued	18
	LAB EXAM #1	
	LECTURE EXAM #1	16-18
	The Cardiovascular System: Blood	19
	The Cardiovascular System: Heart	20
	The Cardiovascular System: Vessels	21
	The Lymphatic System	22
	LAB EXAM #2	
	LECTURE EXAM #2	19-22
	The Respiratory System	23
	The Digestive System	24
	Metabolism	25
	LAB EXAM #3	
	LECTURE EXAM #3	23-25
	<u>LAST DAY TO WITHDRAWAL</u>	
	The Urinary System	26
	Fluid, Electrolyte and Acid-Base	27
	The Reproductive System	28
	Development and Inheritance	29
	LAB EXAM #4	
	LEC EXAM #4	26-29

Grading Procedure

Exams

4 Lecture exams 100 points each = 400 points

4 Laboratory exam 100 points each = 400 points

Grading Scale

720- 800	90-100%	A
640- 719	80-89%	B
560- 639	70-79%	C
480-559	60-69%	D
0- 479	50%- below	F

Lecture Exams consist of matching, true/false, multiple choice and short answer essay.

Laboratory Exams consist of fill-in-the-blank. There will **NOT** be a word bank. *Open lab times are posted outside of the lab door. There are also models located at the circulation desk in the library.*

*Make – up Exams

A comprehensive final will be given for lecture exam missed.

If a laboratory practical is missed, you will receive a grade of **ZERO** for the exam. There are no make-up laboratory practicals.

Writing Across the Curriculum

Science courses at Eastfield College follow a principle of “Writing Across the Curriculum.” Each course incorporates a writing element. Writing is a critical part of communication of ideas, and is important in the synthesis and analysis of scientific concepts. Writing in this course is accomplished through completion of essay questions on the lecture exams. Each question must be answered in complete sentences, using proper grammar, correct spellings, giving examples and details to support the statement.

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.

Please do not attempt to purchase or download or copy portions of a paper from the internet, this is PLAGIARISM. If it is detected and proven that student has done so a grade of ZERO will be given on this assignment and possibly a failing final grade for the entire semester.

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 Office. 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-attende. All students receiving financial aid must open an Email account through NetMail. See directions in this syllabus for opening an Email account.

Academic Honesty:

The purpose of the Student Code of Conduct is to provide guidelines for the educational environment of The Dallas County Community College District. 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. Your College Catalog and the DCCCD Catalog contain the entire Student Code of Conduct, which is also on the Internet at <http://dccc.edu>.

Withdrawal Policy

If you wish to drop the course with a grade of “W” you must complete the necessary forms by contacting Admissions counseling or PE/Science Division office no later than (**Enter Date**). An instructor cannot withdraw a student. Your instructor is **NOT** responsible for initiating or recommending this action. Failure to withdraw will result in the student receiving a performance grade based on the criteria contained in this syllabus.

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.dccc.edu/coursedrops>

EMERGENCY/INCLEMENT WEATHER PROCEDURE:

In case of emergency or inclement weather conditions, Eastfield students should listen to KEOM-FM Radio Station (88.5) 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 E-MAIL:

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 question 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 click on Student Services, Online Services, and Student NetMail. All students receiving financial aid must open a student NetMail account.

RELIGIOUS HOLIDAYS/OBSERVANCES:

Students who will be absent from class for the observance of a religious holiday must notify the instructor in advance. Please refer to the college catalog section on *Student Responsibilities*.

ADA SERVICES:

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>.

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.

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.

CLASSROOM ENVIRONMENT, ATTENDANCE AND PARTICIPATION

1. Students are required to attend all classes.
2. There are no make-up classes for laboratory exercises that are missed. **You cannot attend another laboratory with another instructor to make-up the work.**
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.

** Instructor can create additional rules.

PRINTING ON CAMPUS:

Printing in the Computer Lab (L-108), Library, and Learning Assistance Center will cost 5 cents a page. Students must bring a \$1.00, \$5.00, \$10.00, or \$20.00 bill to the lab to create an account. Accounts must be created before attempting to print. No change is made in the lab. Once the money is in the bill acceptor, it cannot be retrieved. Cash refunds are not possible. Accounts stay active as long as the account has value.

The guidelines in this syllabus may be changed, deleted, or amended at any time by the instructor.