

PAMPA HIGH SCHOOL

Biology Department

2010-2011

Course: Human Anatomy & Physiology II, BIOL 2402, is a 4 dual credit hour course with Clarendon College

Instructor: Lois Parker, M.S.

Pampa High School Room 1166

Conference period: 8th period 2:48-3:37 p.m.

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Scope: An introduction to basic biological principles applied to the human. Detailed studies of the human body plan, cells, tissues, and of the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, and urinary systems will be included.

Objectives:

The learner will:

- 1) Develop an appropriate vocabulary dealing with human anatomy and/or physiology
- 2) Describe the anatomical structure of organs within each organ system covered during the course
- 3) Explain the physiological functioning of each of the covered organ systems
- 4) Correlate the relationship between anatomical structure and physiological function

Text: *Human Anatomy and Physiology, 8th edition*, by Elaine N. Marieb

Tests: Several exams, each covering the material presented since the previous exam will be given throughout the semester. The last exam will be given during finals week. Each test will cover approximately one chapter from the text. Each of the tests will consist of approximately 25 questions comprising material from both the text and lecture. Each tests will consist of multiple choice, true-false, definition, fill-in -the-blank or essay questions. Cheating on tests will not be tolerated. Anyone caught cheating will be given a zero on the test. Makeup tests are scheduled by the instructor and must be completed within 1 week.

Laboratory: Lab work is intended to enhance student understanding of lecture topics. Topics in lab will parallel topics considered in lecture. An important component of the lab work involves the dissection of various organ systems of the domestic cat. The student is encouraged to approach all lab work with a serious, sober, and inquisitive attitude and to maintain a degree of emotional detachment. Practical exams will be given in lab and will be announced in advance.

Grades: Lecture exams- 80%

Labs-20%

Supplies:

3 ring binder	colored pencils
Blue or black pens	latex /nonlatex gloves
#2 pencils	hand soap
Germ-X	markers
kleenex	