Applied Human Anatomy Lab

University of Pittsburgh

2019

**Instructor:** Ronald Jackson; REJ34@pitt.edu

**Purpose:** The laboratory will focus on the application of lecture material. This class will provide a practical forum for review of key points presented in the lecture.

**Course Objectives:** Upon successful completion of the course you should be able to do the following:

1. Identify the bones in the human body and their anatomical landmarks
2. Identify the ligaments that attach the bones and form the joints of the human body
3. Identify the major muscles of the human body including their origins, insertions ,& movements
4. Identify the major blood vessels in the human body
5. Identify the major nerves in the human body
6. Identify the structures associated with the human heart
7. Identify the structures associated with the human respiratory system
8. Identify the structures associated with human cells
9. Understand the terms and concepts used to describe human movement

**Quizzes:** Short 5-10 question assessments will be given at the start of 4 labs. These quizzes will assess your knowledge of the previous weeks’ topics.

**Tests:** Longer and more comprehensive than the quizzes featuring practical components when appropriate (i.e. identification of anatomical landmarks on models).

**Lab Assignments:** Lab assignments will be utilized to reinforce the material in class. These activities will be completed during each lab with the exception of test days.

**Schedule:**

Week 1 Laboratory 1- Planes and Movement 9/ 6

Week 2 Laboratory 2- Structures 9/ 13

 *Quiz #1*

Week 3 Laboratory 3- Shoulder 9/ 20

 *Quiz #2*

Week 4 **Test #1**  9/ 27

Week 5 Laboratory 4- Forearm and Elbow 10/ 4

Week 6 Laboratory 5- Wrist and Hand 10/ 11

Week 7 Laboratory 6- Spinal Column 10/ 18

 *Quiz #3*

Week 8 **Test #2**  10/ 25

Week 9 Laboratory 7- Thorax and Heart 11/ 1

Week 10 Laboratory 8- Pelvis, Hip, Upper Leg 11/ 8

 *Quiz #4*

Week 11 Laboratory 9- Knee, Lower Leg, Foot, & Ankle 11/ 15

Week 12 -13 THANKSGIVING BREAK 11/ 22, 11/29

Week 14 **Test # 3**  12/ 6

**Grading System:**

Quizzes: *2*5%

Tests: 50%

Lab Assignments: 25%

**Grading Scale:**

% Grade % Grade

100-93 A 77-73 C

92-90 A- 72-70 C-

89-88 B+ 69-68 D+

87-83 B 67-63 D

82-80 B- 62-60 D-

79-78 C+ Below 60 F

*If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and Disability Resources and Services, 140 William Pitt Union, 412-648-7890 or 412-383-7355 (TTY) as early as possible in the term.  DRS will verify your disability and determine reasonable accommodations for this course.*

**NOTE: The instructor reserves the right to alter the course content and schedule**

**Departmental of Health and Physical Activity Grievance Procedure**.

If a student feels that they have been treated unfairly by the instructor with regard to their grade or other aspects of their course participation there are a series of steps that should be taken in an attempt to resolve this matter.  These include the following:

1.      The student should first inform the instructor of the course of the issue in an attempt to resolve this matter.  If the course is taught by a Teaching Assistant, Graduate Student, or Part-Time instructor, their faculty supervisor should also be informed of this matter.   The student should bring this issue to the attention of the instructor in a timely matter and should maintain a record of interactions that occurred with the instructor regarding the matter in question.  The course instructor should take necessary steps to address the concern raised by the student in a timely matter and should maintain a record of the interactions that occurred with the student regarding this matter.

2.      If, after reasonable attempts to resolve the matter, the matter is not resolved in a manner that is deemed to be acceptable to the student, the student retains the right to file a grievance.  This grievance is to be filed with the Department Chair in the form of a written document that can be submitted via email or campus mail.  This document should include the following:

a.      Student’s name

b.      Student contact information (email, address, telephone number)

c.       Information on the course for which the grievance applies (course title, course number, instructor name).

d.      A copy of the course syllabus that was provided to the student by the instructor

e.      Detailed description of the grievance and additional information the student feels is pertinent to this matter.

After receiving this information the Department Chair will inform the student if additional information is needed, as appropriate will discuss this matter with the student and the instructor, and will issue a decision in a timely manner.

*3.* If the student is not willing to accept the decision of the Department Chair, the student will be informed that they can request an additional review of this matter through the Office of the Dean of the School of Education.  If the student decides to pursue this, the student should contact the Associate Dean for Student Affairs & Certification in the School of Education at the University of Pittsburgh.