**Summer 2011**

**KINE 7970-004**

**Lab for Advanced Anatomical Principles (1 cr.)**

**Office**: 1127 Memorial Coliseum

**Office Hours**: by appointment only

**Phone**: 334.844.1468

**Course Meetings:**

1127 Memorial Coliseum Th 2:00-4:00PM

**Course Description:**

This course is designed to give the graduate student a more visual representation of the structure and function of the musculoskeletal system.

**Course Objectives:**

To gain a basic understanding of:

 Anatomical terminology

 Joint structure and function

 Musculoskeletal structure and function

|  |  |
| --- | --- |
| Lab 100%  | 100-90 A  |
|   | 89-80 B  |
|   | 79-70 C  |
|   | 69-60 D  |
|   | <59 F  |

**Text or Major Resources:**

 Instructor created packet

 Kapit & Elson (2002). The Anatomy Coloring Book (3rd Edition). McGraw-Hill, New York, N.Y.

 Floyd, R.T. (2007). Manual of Structural Kinesiology (16th Edition). McGraw-Hill, New York, N.Y.

**Supplemental Information**:

Anatomy & Physiology Revealed: Volume 1 & 2. This is an interactive CDRom that shows a virtual dissection of the muscular, skeletal, and nervous system. It is not required for the class, but it is highly recommended, especially for students that plan on going to Physical Therapy, Nursing, or Medical School. The CD can be ordered from amazon.com for $38.75. The CD will be used in class to show the location of certain muscles and nerves and the structure of the joints, but no test material will come from the CD.

**Web Site**:

All lectures and course documents will be posted on Blackboard

**Attendance:**

The student is responsible for all course material. Students are expected to participate in all class discussions and participate in all exercises. It is the student’s responsibility to contact the instructor if assignment deadlines are not met. Students are responsible for initiating arrangements for missed work. All quizzes and exams will be announced. There will be a no unannounced quizzes. No make-up quizzes/exams will be allowed, and a score of 0 will be recorded for missed assignments.\*

\* Only applicable to unexcused absences. Please refer to the Tiger Cub for the definitions of excused absences.

Excused absences will be treated as follows:

a. Students must provide the instructor with a valid excuse upon returning to class (refer to Auburn University’s policy concerning class attendance and excused/unexcused absences): and

b. Make-up work developed and assigned at the discretion of the instructor must be completed within a week of the student returning to class.

If the student fails to follow these instructions the excused absence in question will be calculated as an unexcused absence. There are times when unforeseen circumstances will not allow you to attend class. Exceptions to this policy due to extreme circumstances are only permitted with the professor’s timely knowledge and approval. Arrangements to make up missed assignments and examinations due to properly authorized excused absences shall be initiated by the student within a week of the excused absence as mandated by Auburn University. Again, the format of any make-up work/assignments will be at the instructor’s discretion. Finally, the instructor will address all issues concerning absences at his/her discretion. Students are encouraged to refer to Auburn University’s policies concerning attendance, absences, academic honesty, and make-up work as found in the Auburn Bulletin.

**Honesty Code**:

The University Academic Honesty Code and the *Tiger Cub Rules and Regulations pertaining to Cheating* will apply to this class.

**Accommodations**:

Students who need accommodations are asked to arrange a meeting during office hours the first week of classes, or as soon as possible if accommodations are needed immediately. If you have a conflict with my office hours, an alternate time can be arranged. To set up this meeting, please contact me by E-mail. Bring a copy of your Accommodation Memo and an Instructor Verification Form to the meeting. If you do not have an Accommodation Memo but need accommodations, make an appointment with The Program for Students with Disabilities, 1244 Haley Center, 844-2096 (V/TT).

**Course Content and Schedule:\***

Review syllabus, expectations, introduction to anatomical terms, planes, axes and movements, bones and joints and muscles (Lab 1 assigned and due, Lab 2 assigned)

Ankle and knee (Lab 2 due, Lab 3 assigned)

Shoulder and shoulder girdle (Lab 3 due, Lab 4 assigned)

Elbow and wrist (Lab 4 due, Lab 5 assigned)