**KINE 7406 – Advanced Anatomical Principles (3 cr.)**

Dr. Wendi Weimar

**Office**: 20 Kinesiology Building

**Office Hours**: by appointment only

**Phone**: 334.844.1468

**Email**: weimawh@auburn.edu

**Course Meetings**:

Primarily Online

On campus meetings - TBA

**Course Description**:

KINE 7406 is a clinically oriented human anatomy course. This course is designed to blend an advanced, in depth analysis of human functional anatomy and biomechanics.

**Course Objectives**:

To integrate muscle action and biomechanics

To integrate an understanding of individual muscle action to functional muscle groups

To apply understanding of functional muscle groups to joint structure and function

To apply understanding of functional muscle groups to human movement

To apply understanding of functional muscle groups to orthopedic injury and

rehabilitation

**Course Requirements**:

Exams, Quizzes, Homework

Grading Scale:

A 100 - 90%

B 89 - 80%

C 79 - 70%

D 69 - 60

F ≤ 59

**Textbook**:

Floyd, R.T. (2009) Manual of Structural Kinesiology (17th Ed.). McGraw-Hill, New York, NY.

**Web Site**:

All lectures and course documents will be posted on Canvas

**\*\*\*Course Work & Evaluation:**

**It is the student's responsibility to be able to navigate and check Canvas on a DAILY basis for Discussion updates/postings, Assessment Deadlines, Grades, and all other Canvas functions.**

All course work will be completed and graded online. It is the student's responsibility to provide themselves with enough time to take the online assessments. Failure to plan ahead will result in the grade that is given.

Quizzes and exams will remain open only for specified dates and times; it is the student's responsibility to check Canvas online frequently to plan ahead for these dates and times. 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 Student Policy eHandbook ([www.auburn.edu/studentpolicies](https://ch1prd0202.outlook.com/owa/redir.aspx?C=J7fYBYMTnk-KeZ2412XCCVbtqftSA88I1ohPwMRxwi8hj_7i9v-LiFmCWchSgiJT858QQYfBsOk.&URL=http%3a%2f%2fwww.auburn.edu%2fstudentpolicies)) for the definitions of excused absences.

**Make-up work must be completed within 5 calendar days.**

**Any concerns regarding points or questions on a quiz/exam must be communicated to the instructor via email within 2 days of the submission deadline.**

Students are expected to take the quizzes/exams on their own without the benefit of a book, notes, or other resources.

The student is responsible for all course material. Students are expected to (as well as encouraged to) participate in online discussions and postings. It is the student’s responsibility to contact the instructor if assignment deadlines are not or cannot be met. Students are responsible for initiating arrangements for missed work within 2 days of the submission deadline.

**University email is the official form of communication for this class; do not send emails through Canvas as they may not be found as quickly as University email. Please feel free to email the instructor with ANY questions (including navigation help) throughout the semester, as she will respond as quickly as possible.**

**Honesty Code**:

The University Academic Honesty Code and the *Student Policy eHandbook* will apply to this class.

**Accommodations:**

Students who need accommodations are asked to electronically submit their approved accommodations through AU Access and 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. If you have not established accommodations through the Office of Accessibility, but need accommodations, make an appointment with the Office of Accessibility, 1228 Haley Center, 844-2096 (V/TT).

**Course Content**

Review syllabus, expectations, introduction to anatomical terms, planes, axes, movements; Muscles, Joints, and Bones; Muscles, Joints, and Bones cont.,

Quiz 1

Ankle and Lower Leg; Review for Quiz 2,

Quiz 2

Knee; Review for Quiz 3

Quiz 3

Hip; Review for Quiz 4

Quiz 4

MIDTERM

Pelvic Girdle; Review Quiz 5

Quiz 5

Shoulder; Review Quiz 6

Quiz 6

Elbow & Wrist; Review Quiz 7

Quiz 7

FINAL

\* This is a tentative schedule and is subject to change