Auburn University College of Education School of Kinesiology Course Syllabus

Syllabus for KINE 4560 Spring 2025

# Course Information:

***Course Number:*** KINE 4560

***Course Title:*** Sport Technique and Movement Analysis ***Course Hours:*** 3 semester hours (Lecture 3) ***Prerequisites:*** none

# Faculty Information:

***Instructor:*** Ryan Zappa

***Office Location:*** Kinesiology Building 238 or 014

***Office Hours:*** By Appointment

[***Email*:**rmz0004@auburn.edu](mailto:czw0043@auburn.edu)

# Course Meetings:

This is an asynchronous course therefore, there are not scheduled class meetings. However, please note you should dedicated 3 hours a week to this course.

# Course Description:

This course is designed to enhance skills and knowledge for observing, evaluating, and correcting movement patterns. Application of these concepts, as well as methods of motion analysis covered in this course, will enable the student to evaluate human performance in greater detail.

Student Learning Outcomes:

The students will be able to:

1. learn a systematic approach to the analysis of human motion;
2. identify the anatomical contributions of normal and pathological motions;
3. utilize proper terminology to identify observed motions

# Course Overview ( Tentative Schedule of Topic - exact timing may change)

Week 1. Introduction and Overview of Movement Analysis

Week 2. Anatomical Contributions of a Movement Analysis-Skeletal Principles Week 3. Anatomical Contributions of a Movement Analysis-Muscular Principles

Week 4. Anatomical Contributions of a Movement Analysis- Skeletal & Muscular Principles Week 5. Mechanical Contributions of a Movement Analysis

Week 6. Equipment Contributions of a Movement Analysis- Motion Capture Basics

Week 7. Equipment Contributions of a Movement Analysis- Motion Capture Basics and Analysis Week 8. Equipment Contributions of a Movement Analysis- Motion Capture Analysis

Week 9. Equipment Contributions of a Movement Analysis- Motion Capture Analysis Week 10. Movement Analysis

Week 11. Movement Analysis Week 12. Movement Analysis Week 13. Movement Analysis Week 14. Movement Analysis Week 15. Final Project

# EVALUATION METHODS:

## Course Requirements:

A final project, mid-term project, and weekly assignments will be given during this course.

## Grading and Evaluation Procedure:

Assignments 50%

Mid-Term Exam 30%

Final Exam 20%

90 - 100 A

80 - 89 B

70 - 79 C

60 - 69 D

Under 60 F

# Class Policy Statements:

***Online Student Learning Expectations:*** All students in this course are expected to have all the equipment and software needed to be successful in the course.

All students are expected to contribute to their own learning as active and well-prepared participants. Weekly modules will provide various opportunities for reading, reflection, applied experiences, collaboration, and writing. Since these activities are woven through the entire week and generally do not require your “electronic presence” at any particular time or day, there should be no need to "miss" class. You should plan on spending the same amount of preparation and “in class” time on this course as you would if you were taking the course face-to-face.

***Assessments:*** All exam and assignment grades will be posted to Canvas. Upon receiving a notification about your grade, you have the opportunity to appeal your graded assessment. To appeal a grade that you have received, please compose and send an email to your instructor writing out the exam or assignment

in question, indicating the answer you submitted, and providing a written justification from the reading/class notes/etc. on why you think your answer is correct.

Once received, the instructor may or may not communicate with you regarding your appeal. Ultimately, the instructor will render a decision. If no appeal is sent to the instructor after five business days, the assignment score is final. Failure to monitor your progress as the semester progresses does not warrant a re-grade on assignments evaluated earlier in the semester. Once the 5-day appeal period has passed, students forfeit their right to have the graded material reassessed at a later date.

***Late Assignment Policy:*** It is very important that students submit work on time, or they will find it very difficult to catch up. Any assignment that is submitted after the due date will have one letter grade deducted from it per day late. Students should reach out to their instructor immediately to discuss any concerns. In situations where you are experiencing technical difficulties submitting your assignment near the deadline, please consult the Canvas help desk resources available in left navigation. Please work to avoid encountering technical difficulties near the assignment due dates by completing your work ahead of deadlines.

*Make-Up Assignment Policy*: Students who miss the normal exams will need to contact the instructor and turn in the valid excuse within 48 hours from the time that the exams were given. The makeup exam schedule is determined by the instructor and will need to be done within ONE week (5 work days) from the time that the exams were given. Students will need to check the class email for the makeup details. Students who miss the makeup without valid excuses will get zero on the exam.

Valid excuses include: 1). illness documented by a physician. 2) evidence of personal or family emergency. 3) official university excuses.

***Email:*** Tigermail is the official means of communication for Auburn University. The instructor will communicate with the class through Tigermail regularly. You will be responsible to obtain this information and should check your Tigermail account frequently.

Students should give the instructor 48 hours to get back to them on any communication, and one week for grading turnaround time on major assignments. The instructor reserves the right to alter these feedback parameters due to contingencies such as holidays, course progress, campus emergencies, weather, holidays, professional activities, etc. with notice provided. If students have concerns about communication or feedback, they should always go to the professor first. Students should explain their concern as clearly as possible without judgment or emotion. Effective communication is an important skill, and every interaction in their program is an opportunity to develop this skill.

***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 alternative 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 at 1244 Haley Center, 844-2096 (V/TT).

***Questions/Help:*** Students are encouraged to ask questions and seek extra help on a regular basis. Please do not wait 1 minute to 48 hours prior to a quiz or exam to seek assistance.

***Honesty Code:*** The University Academic Honesty Code and the Student Policy e-Handbook Rules and Regulations pertaining to cheating will apply to this course.

***Professionalism:*** As faculty, staff, and students interact in professional settings, we are expected to demonstrate professional behaviors as defined in the College’s conceptual framework. These professional commitments or dispositions are listed below:

* Engage in responsible and ethical professional practices
* Contribute to collaborative learning communities
* Model and nurture intellectual vitality