

KINE 7420 – Dartfish I: Biomechanics of Sport Technique

Instructor

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Office hours: Daily, 10 – 11 AM. Other times by appointment.

Course Description: The purpose of this course is to introduce the techniques and develop the skills needed to perform a biomechanical analysis of a specific sport technique.

Course Objectives: Upon completion of this course, students will: 1. Be able to break a skill into its component parts; 2. Be able to isolate the waypoints of skills; 3. Be able to analyze a videotaped performance; 4. Be able to videotape a performance to observe the critical components of a skill; 5. Be able to provide appropriate feedback to the performer regarding their skill performance;

Course Requirements:

- (1) You are required to come to class and participate and complete weekly assignments
- (2) You are required to successfully complete: quizzes, midterm and final
- (3) You are required to successfully complete the semester long project

Grading and Evaluation Procedures:

Final Grade

> 90 = A

> 80-90 = B

>70-80 = C

> 60-70 = D

<60 = F

Class Policy Statements:

Participation: Students are expected to participate in all class discussions and participate in all homework and laboratory 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.

Attendance/Absences: Attendance is required at each class meeting. If an exam is missed, a make-up exam will be given only for University-approved excuses as outlined in the Student Policy eHandbook. Arrangement to take the make-up exam must be made in advance. Students who miss an exam because of illness need a doctor's statement for verification of sickness and should clear the absence with the instructor the day they return to class. Other unavoidable absences from campus must be documented and cleared with the instructor **in advance**.

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).

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

Email: TigerMail is the official means of communication for Auburn University. The instructor will communicate with the class through Tiger Mail. You are responsible for this information, so please check your account regularly.

Contingency Plan: If normal classes are disrupted due to a high number of students experiencing illness or an emergency or crisis situation (such as a widespread H1N1 flu outbreak), the syllabus and other course plans and assignments may be modified to allow completion of the course. If this occurs, an addendum to your syllabus and/or course assignments will replace the original materials. Additionally, course content and assignments may be made available to you via Canvas.

Questions/ Help: Students are encouraged to ask questions and seek extra help on a regular basis. Please do not wait until the day before an exam.

Classroom Policies:

- All electronic devices must be turned off during classroom or laboratory periods, with the exception of laptops, which may be used for note taking only. NO phones or text messaging during class is allowed. All phones and electronic devices must be put away prior to the start of class. If these are found out – The student will be asked to leave the class.
- Students are expected to arrive to class on time. Those arriving late will not be permitted to hand in homework. Likewise, classes will end promptly at the scheduled time.
- Students are expected to come to class having completed the reading and prepared to discuss them.

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
Demonstrate commitment to diversity
Model and nurture intellectual vitality

Course Content: Topics

Introduction
Skill Analysis I
Skill Analysis II
Video basics
Skill I
Skill I & Key positions
Skill II
Skill II & Drawing
Your project
Skill III
Skill III & Text

Skill IV

Skill IV & Synchronizing

Break

Skill V

Skill V & Tagging