

**The University of Texas at Tyler  
Department of Kinesiology - Fall 2023**

**Course Title:** Biomechanics and Anatomical Kinesiology Laboratory

**Course Number:** KINE 3135.002 and KINE 3135.003

**Co-requisite:** KINE 3334

**Days/Hours of Lab:** Tuesdays Section 002 9:00-10:50am  
Section 003 11:30am-1:20pm

**Dates:** August 21, 2023 – December 9, 2023

**Lab Room:** HPC 2165

**Instructor Information**

**Name and Title:** Ashley Dalby, MS, ACSM EP-C & CET

**Email address:** adalby@uttyler.edu

**Office hours:** Monday & Wednesday: 11:30am - 1:00pm, and by appointment

**Textbook:** None requested

**Catalog description:** Laboratory and field analyses related to mechanics and musculoskeletal involvement in movement.

**Methods of Instruction**

Student learning experiences include but are not limited to: a) problem solving situations and laboratory experiences, b) observations and analysis of movement performances, c) reading supplementary materials upon assignment, d) analysis of relevant social media posts and articles, and e) creation of educational social media posts designated for public consumption

Student Learning Outcomes: After the full completion of this course the student will be:

1. Able to use anatomical terminology to described body part locations, reference positions and anatomical directions.
2. Able to decide what biomechanical questions should be asked and studied related to activities of daily living, sports, basic movements and work related tasks.
3. Able to develop research to answer the biomechanical questions asked related to activities of daily living, sports, basic movements and work related tasks.
4. Able to distinguish kinematic from kinetic research related to the mechanics of human motion.
5. Able to develop and implement kinematic, kinetic, and electromyography (EMG) research

**Important Dates:**

August 21:	Classes begin
September 1:	Census day (attendance due)
September 4:	Labor Day – no classes
October 1:	Final day to file for Fall 2023 graduation
October 30:	Last day to drop course with a “W”
November 20-24:	Thanksgiving Holidays
December 4-9:	Final Exams

**Evaluation:**

Laboratory Assignments or Projects	45%
Instagram-Related Work	45%
Attendance/Participation	10%

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Grading will be based on the following scale:

<b>A</b>	= 89.5 – 100%
<b>B</b>	= 79.5 – 89.4%
<b>C</b>	= 69.5 – 79.4%
<b>D</b>	= 59.5 – 69.4%
<b>F</b>	= < 59.5%

All laboratory assignments (Instagram-focused or otherwise) may require students to take and submit pictures or short videos. Students may be asked to find relevant information on social media platforms such as Instagram, YouTube, or X (Twitter). Instagram Posts created by students should be completed according to guidelines posted on Canvas. All interactions (comments, replies, etc.) on the UT Tyler Biomechanics Instagram account are counted as part of a student's Attendance/Participation grade. Failure to respond to valid questions or comments may also be reflected in this portion of the grade.

**Biomechanics Instagram Posts**

The UT Tyler Biomechanics Lab has an Instagram page that is dedicated to educational content that the general public can understand. Posts made on this account must use images, videos, and information meant to explain biomechanics concepts. Posts are made to help students improve their communication skills, practice image and video editing techniques, conduct social media marketing experiments, and refine their public education skills.

The class Instagram account is @uttbiomechanics. Please check out the first four posts for more information on what's expected and allowed on this account.

I would suggest that you download the Instagram App onto your personal mobile device. The app is free, and if you already have a personal account, it's easy to add an additional account login and switch back and forth between the two accounts.

**Post Analysis Assignments**

These assignments are meant to serve as a reflection and summarization tool; posts may include those from Instagram (class account or other), Twitter, YouTube, or other social media. More information on these assignments will be given on Canvas.

**Course Policies:**

Professionalism: Students are expected to arrive on time for class. It is expected that students will display a professional attitude at all times, including being attentive during class meetings and being respectful to the instructor and fellow classmates.

Attendance: Students are expected to attend all classes and are solely responsible for any material missed. It is not incumbent upon the instructor to create a separate assignment for a

student to complete at home, outside of regular lab time, especially if the student's absence is unexcused. If you leave lab before completing a group activity, especially without prior acknowledgement by the instructor, you will be considered absent for that lab day.

*Make-up:* In general, late work is not accepted. The instructor plans to allow for maximum flexibility with all assignments, but due dates given on Canvas are expected to hold. Much of the work for each lab will be completed while in class. Contact the instructor *before* the due date if you will be unable to complete an assignment and want to avoid a penalty. Please do not email the instructor assignments and/or projects unless otherwise asked to.

If you need an extension for an assignment, fill out the "Extension Request" located on our Canvas "Modules" page. Based on your request, I will contact you with more information or recommendations. You must submit this request at least three hours *before* the assignment in question is due.

*Participation:* Every student is expected to participate in this course. Students are strongly encouraged to ask, and respond to, questions in class; this student/instructor interaction makes for more interesting class sessions and facilitates better learning.

*Canvas and E-mail:* Canvas will be used EXTENSIVELY in this class. Access Canvas each day to see your updated grades, and to access the syllabus and schedule. Announcements will be sent to your Patriots e-mail account. (Note: The instructor will not send any e-mails to private accounts.)

I try to answer all emails as quickly as possible, but I cannot promise to answer every email that I receive. If your email requires an answer and you have not received one from me, please check your spam folder first, then talk to me during class. I will not answer emails asking for a grade calculation – I have Canvas set up to calculate your grades as we go.

*Class distractions:* For most of this lab, students will be up and moving around. However, an active lab environment does NOT give you permission to create major distractions, or to engage in distracting or obviously not-class related behavior. Therefore, please do not participate in any activity in the classroom that may be a distraction to other students or the instructor. This includes talking to neighbors during lectures, eating, texting, instant messaging, checking e-mail, etc. *Please be on time.*

*Quality of work:* All written work for assignments must be written legibly or typed according to the assignment instructions. Be sure to use proper sentence structure, and consider how your written work appears (or is interpreted) by a member of the public.

*Handouts:* The term "handouts" refers to all materials generated for this class, which include but are not limited to syllabi, quizzes, exams, PowerPoint slides, outlines, lab problems, in-class materials, review sheets, and additional problem sets.

## **University Policies**

### **UT TYLER HONOR CODE**

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

### **STUDENTS RIGHTS AND RESPONSIBILITIES**

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: <http://www.uttyler.edu/wellness/rightsresponsibilities.php>

### **CAMPUS CARRY**

We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>

### **UT TYLER A TOBACCO-FREE UNIVERSITY**

All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors.

Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products.

There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit [www.uttyler.edu/tobacco-free](http://www.uttyler.edu/tobacco-free).

### **Important Covid-19 Information for Classrooms and Laboratories**

Students are required to wear face masks covering their nose and mouth, and follow social distancing guidelines, at all times in public settings (including classrooms and laboratories), as specified by [Procedures for Fall 2020 Return to Normal Operations](#). The UT Tyler community of Patriots views adoption of these practices consistent with its [Honor Code](#) and a sign of good citizenship and respectful care of fellow classmates, faculty, and staff.

Students who are feeling ill or experiencing symptoms such as sneezing, coughing, or a higher than normal temperature will be excused from class and should stay at home and may join the class remotely. Students who have difficulty adhering to the Covid-19 safety policies for health reasons are also encouraged to join the class remotely. Students needing additional accommodations may contact the Office of Student Accessibility and Resources at University Center 3150, or call (903) 566-7079 or email [saroffice@uttyler.edu](mailto:saroffice@uttyler.edu).

### **Recording of Class Sessions**

Class sessions may be recorded by the instructor for use by students enrolled in this course. Recordings that contain personally identifiable information or other information subject to FERPA shall not be shared with individuals not enrolled in this course unless appropriate consent is obtained from all relevant students. Class recordings are reserved only for the use of students enrolled in the course and only for educational purposes. Course recordings should not be shared outside of the course in any form without express permission.

### **GRADE REPLACEMENT/FORGIVENESS AND CENSUS DATE POLICIES**

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. (For Spring, the Census Date is January 29.) Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar.

Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

The Census Date (January 29th) is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)

- Schedule adjustments (section changes, adding a new class, dropping without a “W” grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

### **STATE-MANDATED COURSE DROP POLICY**

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date).

Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

### **DISABILITY/ACCESSIBILITY SERVICE**

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Texas at Tyler offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application. The Student Accessibility and Resources (SAR) office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director of Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 3150 or call 903.566.7079.

### **STUDENT ABSENCE DUE TO RELIGIOUS OBSERVANCES**

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

### **STUDENT ABSENCE FOR UNIVERSITY-SPONSORED EVENTS AND ACTIVITIES**

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

### **SOCIAL SECURITY AND FERPA STATEMENT**

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

### **EMERGENCY EXITS AND EVACUATION**

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor’s directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

### **STUDENT STANDARDS OF ACADEMIC CONDUCT**

Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

i. “Cheating” includes, but is not limited to:

1. copying from another student’s test paper;
2. using, during a test, materials not authorized by the person giving the test;
3. failure to comply with instructions given by the person administering the test;
4. possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed “crib notes”. The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;

5. using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
  6. collaborating with or seeking aid from another student during a test or other assignment without authority;
  7. discussing the contents of an examination with another student who will take the examination;
  8. divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructor has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
  9. substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
  10. paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
  11. falsifying research data, laboratory reports, and/or other academic work offered for credit;
  12. taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
  13. misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.
- ii. "Plagiarism" includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another's work and the submission of it as one's own academic work offered for credit.
- iii. "Collusion" includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.
- iv. All written work that is submitted will be subject to review by plagiarism software.

#### **UT TYLER RESOURCES FOR STUDENTS**

- UT Tyler Writing Center (903.565.5995), [writingcenter@uttyler.edu](mailto:writingcenter@uttyler.edu)
- UT Tyler Tutoring Center (903.565.5964), [tutoring@uttyler.edu](mailto:tutoring@uttyler.edu)
- The Mathematics Learning Center, RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- UT Tyler Counseling Center (903.566.7254)

#### **TECHNICAL INFORMATION:**

If you experience technical problems or have a technical question about this course, you can obtain assistance by emailing [itsupport@patriots.uttyler.edu](mailto:itsupport@patriots.uttyler.edu) or call 903.565.5555.

When you email IT Support, be sure to include a complete description of your question or problem including:

- The title and number of the course
- The page in question
- If you get an error message, a description and message number
- What you were doing at the time you got the error message

#### **Plug-ins and Helper Applications**

UT Tyler online courses use Java, JavaScript, browser plug-ins, helper application and cookies. It is essential that you have these elements installed and enabled in your web browser for optimal viewing of the content and functions of your online course. Always ensure that you are using the most update version for the browser you choose to access the online learning content.

#### **Netiquette Guide**

"Netiquette" is network etiquette, the do's and don'ts of online communication. Netiquette covers both common courtesy online and informal "rules of the road" of cyberspace. Review and familiarize yourself with the guidelines provided. (URL: <http://www.learnthenet.com/learn-about/netiquette/index.php>)