

University of Texas at El Paso
Department of Kinesiology
KIN 4313 – Biomechanics Laboratory
Fall 2019

General Information

Instructor: Fabricio Saucedo, M.S.
Office: HSSN 450; LKD 102C
Email: fsaucedo3@miners.utep.edu
Phone: 915-747-7208
Office Hours: Depends on TA
Course Textbook: Biomechanical Basis of Human Movement, 4th Edition
J. Hamill, K.M. Knutzen, & T.R. Derrick; Lippincott, Williams & Williams
Class time: 10:00 – 11:50am Tuesday
12:00 – 1:50pm Tuesday
2:00 – 3:50pm Tuesday
11:00 – 12:50am Wednesday
10:00 -11:50pm Thursday
12:00 – 1:50pm Thursday
Classroom: Memorial Gym 126
Teaching Assistants: Heather Vanderhoof; hvanderhoof@miners.utep.edu (T-10am, 12pm, 2pm)
Christian Sanchez; cnsanchez4@miners.utep.edu (R-12pm)
Pearl Quintero; pquintero@miners.utep.edu (W-11am, R- 10am)

Course Description

This course provides students with a mechanical analysis of the internal and external forces acting on the human body and the effects of these forces. Emphasis will be placed on the development of skills to analyze movement both qualitatively and quantitatively.

Additional supplies you will likely need for lab include: paper, pen/pencil, calculator, and/or laptop. Your instructor will let you know in advance if there are additional materials you will need to bring. Labs will be posted onto Blackboard. Students are responsible for obtaining copies of these materials and bringing them to lab each class. Throughout the semester additional readings, assignments and information will also be posted on Blackboard.

Learning Objectives

By the end of this course students should be able to:

1. Describe human motion using appropriate, well-defined terminology.
2. Understand Newton's Laws and know how to apply them to identify causes of human motion.
3. Demonstrate a conceptual and computational proficiency with the above objectives.
4. Demonstrate an understanding of the real-world applications of the course materials.

Course Evaluation

Your laboratory grade accounts for **25% of overall course grade.**

Laboratory Grade:

- | | |
|----------------------|-----------------------------------|
| • 13 Quizzes | 10 points each (130 total points) |
| • 14 Lab Assignments | 10 points each (140 total points) |
| | Total = 270 points |

Quizzes: Quizzes will be given during the first 10 minutes of lab. If you arrive late, you will only have the remaining time to complete that week's quiz. For example, if you arrive 5 minutes late, you will only have the remaining 5 minutes to complete the quiz. Questions will be based on the content learned during the previous week. No make-up quizzes will be given. The only exception to this is if a documented, justified emergency event prevents you from attending lab. This will be decided by the instructor and considered on an individual basis. **No phones will be allowed as calculators on quizzes**, and calculators must not have any additional capabilities. All quizzes will be written as such and will only require basic algebraic and trigonometric functions.

Lab Assignments: Homework assignments are *due at the beginning* of lab. Any assignment not submitted during the first 10 minutes of class will be considered late, and points will be deducted accordingly.

Extra Credit Policy: There will be no extra credit.

Grading: Lab grades are determined by dividing the total points earned by the total points possible. Instructors will update grades regularly via Blackboard.

≥90.0%	A
80.0%-89.9%	B
70.0%-79.9%	C
60.0%-69.9%	D
≤59.9	F

Attendance Policy

Attendance will be taken each class in the form of quizzes and will factor into your grade. Students are responsible for obtaining information/notes for missed labs. Students are expected to attend the lab section that they are assigned to on Goldmine.

The 'Life Happens Clause'

The Life Happens Clause is referring to the fact that life happens to each of us throughout the course of a semester and you may not be able to attend class to take a quiz or exam. Specifically, you can invoke this clause **once** during the semester by simply emailing me within one day of any lecture quiz or exam and state that you would like to invoke the clause. The clause states that you will **receive a 2-day extension on any quiz or lab** with no questions asked from the instructor (i.e. you do not have to tell the instructor why, just state you would like to invoke the clause). You will still need to schedule a make-up date/time with the instructor for the missed quiz or lab.

University Policies and Resources

Changes to this syllabus – The course schedule may be altered by the instructor, with sufficient notice being provided to students.

Cheating, Plagiarism, Scholastic Dishonesty, and Student Discipline: Cheating is obtaining a reward for ability by dishonest means. It is unethical and not acceptable. Plagiarism occurs whenever a student quotes, paraphrases or summarizes another person's work without providing correct citation. Plagiarism occurs whether the work quoted is a book, article, website, reader's guide like Cliffs Notes or SparkNotes, another student's paper, or any other source. An entire essay is fraudulent even if only a single sentence is plagiarized. *Do not submit work under your name that you did not do yourself, ever.* You may not submit work for this class that you did for another class. If you cheated or plagiarized, you will be subject to disciplinary action as stated in the UTEP undergraduate catalog policy.

“Scholastic dishonesty (which includes the attempt of any student to present the work of another as his or her own, or any work which s(he) has not honestly performed, or attempting to pass any examination by improper means) is a serious offense and will subject the student to disciplinary action. The aiding and abetting of a student in any dishonesty is held to be an equally serious offense. All alleged acts of scholastic dishonesty should be reported to the Dean of Students for disposition. It is the Dean of Students’ responsibility to investigate each allegation, dismiss the allegation, or proceed with disciplinary action in a manner which provides the accused student his or her rights of due process.” Refer to <http://www.utep.edu/dos/acadintg.htm> for further information.

UTEP has a site license for **Turnitin.com**, a plagiarism detection site that you can also use to check your own work for this or other classes to prevent getting in trouble. If you want to test your understanding of plagiarism, take the self-assessment at <http://education.indiana.edu/~frick/plagiarism> or visit <http://www.turnitin.com>

When an assignment specifies that you must perform a task individually, asking for your classmates’ help is **collusion** and thus scholastic dishonesty. Any instances of scholastic dishonesty will be reported to the Dean of Students Office.

Deadline Policy and Late Assignments: It is essential that you regularly visit the class Blackboard website prepared to work. Once a deadline has passed, you can no longer turn in your work for credit. Plan carefully to ensure you meet the deadlines. If you wait until the last minute, things that can go wrong often do. Start early so you have time to deal with problems and are still able turn in your assignments on time. Do not procrastinate!

Missed Tests: All assignments will strictly follow UTEP’s attendance policy. Any missed assignment that does not meet the requirements of an excused absence will be counted as a 0. If you are going to / or miss an assignment and you believe the absence is excusable, you must contact the Professor within 24 hours of the assignments due date. Emailing later in the semester about missing grades, even if the absence was excused, will not be accepted. It is the student’s responsibility to keep track of when assignments are due and also communicating to the Professor when absences happen.

Students in Need of Assistance: UTEP seeks to provide reasonable accommodations for all qualified individuals who need accommodations or support for their learning. This university adheres to all applicable federal, state, and local laws, regulations and guidelines with respect to providing reasonable accommodations as required, affording equal educational opportunity. It is the *student's responsibility* to register with the **Center for Accommodations and**

Support Services <http://sa.utep.edu/cass/> in the UTEP Union Bldg. East Wing, Room 106 *within the first two weeks of classes*, and inform the faculty member to arrange for appropriate accommodations or support.

The CASS Office can also be reached in the following ways: Web: <http://cass.utep.edu/>; Phone: (915) 747-5148 voice or TTY; Fax: (915) 747-8712; E-Mail: cass@utep.edu

Campus Safety and Emergencies Notifications: Information Technology at UTEP provides emergency notification via your mobile phone. Visit <http://www.utep.edu/it> for more information and registration. Check the UTEP website for health-related information and updates.