

University of Texas at El Paso
Department of Kinesiology
KIN 3331 – Anatomical Kinesiology
Summer 2018

General Information

Instructor: Jeff Eggleston, Ph.D.
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Phone: 915-747-7208
Office Hours: by appointment only
Course Textbook: Manual of Structural Kinesiology (19th Edition)
R.T. Floyd; McGraw-Hill
Class time: Monday, Tuesday, Wednesday, Thursday, & Friday 9:20-11:30am
Classroom: Memorial Gym 118

Prerequisites BIOL 2311 & KIN 1303

Course Description

A study of the science of human movement with special consideration given to anatomical and neuromuscular contributions.

Additional Resources

Throughout the semester, additional assignments, readings, and information will be posted on Blackboard.

Learning Objectives

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

1. Identify the terminology used to describe body part locations, reference positions, and anatomical directions;
2. Describe types of bones and specific landmarks related to origin and insertion locations of muscles of the upper and lower extremities, and trunk;
3. Identify joint movements in associated with the muscles of the upper/lower extremity and trunk

Course Evaluation

Final Exam	25%
Exams I & II	15% (each)
Movement Analysis Project	20%
Quizzes	15%
Homework Assignments	10%

Exams: There will be two mid-semester exams and one final exam for this course. The final will be comprehensive and will take place in accordance with the University Schedule. Each exam will be 150 points each. The Final Exam will be cumulative, material from the entire semester can be on it.

Movement Analysis Project: A major component of this course will be the completion of a Movement Analysis Project which will illustrate accumulated and practicalized knowledge relative to human movement regarding anatomical and neuromuscular considerations. For the project, you will be assembled into groups, and will choose a movement from a list produced by the instructor. Once your movement is selected, your group must identify two sub-phases of the movement (i.e. a baseball throw having an arm cocking sub-phase and a release sub-phase) and describe what types of movements are occurring at the major joints of the upper and lower extremity during each phase (i.e. flexion/extension). Additionally, your group will need to identify the major

muscle groups active during each sub-phase, and determine what type of contraction the muscle group is undergoing. Lastly, your group will need to submit a written report detailing the movement, in general and each sub-phase analyzed, and how various body segments assist in completing the movement. The written report **should not exceed 2 pages** and should be detailed and descriptive, but also succinct and to the point.

Quizzes: Quizzes will be administered online at the end of each week. Each quiz will consist of 10 questions (100 points) from the chapters covered. Even if you miss a lecture, you will be required to complete the quizzes associated with the material you missed. You will have an opportunity to take each quiz twice, your highest score will be recorded.

Homework Assignments: Homework assignments will be given following the end of each chapter. These may range from worksheets diagramming muscle origin and insertion locations to listing movement terms. Repetition is key to retaining all the material delivered in this course; the homework assignments are given to foster such repetition.

Extra Credit: No extra credit will be offered in class.

Grading Policy

A	≥92.5%
A-	89.5%-92.4%
B+	85.5%-89.4%
B	82.5%-85.4%
B-	79.5%-82.5%
C+	75.5%-79.4%
C	72.5%-75.4%
C-	69.5%-72.4%
D	59.5%-69.4%
F	<59.5%

Grades will not be rounded.

Attendance Policy

For lecture, attendance will not be taken. However, students who attend class regularly tend to perform much better.

Students are responsible for obtaining information given during class for missed lectures. The instructor is available to clarify missed material via email or during an in-face meeting.

Behavior in class is expected to be conducive to creating a collaborative learning environment. Students may be asked to leave class if they disrupt others' learning environment.

Course Content

See the class schedule for approximate dates for each covered topic.

Exam Schedule

Exam I	Monday, July 16 th
Exam II	Tuesday, July 24 th
Final Exam	Monday, August 6 th

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.

Course Schedule

Week	Date	Topic Covered	Reading	Online Assignment Due
1	July 10	Syllabus & Intro Foundations of Structural Kinesiology	Ch 1	
	July 11	Neuromuscular Fundamentals	Ch 2	
	July 12	Basic Biomechanical Factors and Concepts	Ch 3	
	July 13	Exam I Review		MAP Movement Quiz 1
2	July 16	Exam I		
	July 17	Shoulder Girdle & Joint	Chs 4 & 5	
	July 18	Elbow & Radioulnar Joints	Ch 6	
	July 19	Wrist & Hand Joints I	Ch 7	
	July 20	Wrist & Hand Joints II		MAP Joint Analysis Quiz 2
3	July 23	Exam II Review		
	July 24	Exam II		
	July 25	Hip Joint & Pelvic Girdle I	Ch 8	
	July 26	Hip Joint & Pelvic Girdle II		
	July 27	Knee Joint	Ch 9	MAP Muscle Analysis Quiz 3
4	July 30	Ankle and Foot	Ch 10	
	July 31	Trunk and Spinal Column	Ch 11	
	August 1	Muscular Analysis of Trunk and LE Exercises	Ch 12	
	August 2	Study Day		
	August 3	Final Exam Review		MAP Final Product Quiz 4
5	August 6	Final Exam 10:00am – 12:45pm		