Course Content:
This course introduces the basic principles of Biomechanics, emphasizing the contributions that Biomechanics makes to the understanding of human movement. At the completion of this course, the student will be able to:
1. Use precise, well-defined terminology to describe motion.
2. Understand and quantify linear and angular descriptors of human motion.
3. Understand and quantify the basic causes of human movement.
4. Understand basic biomechanical factors involved in a variety of human movements.

Prerequisites: MAT 124 or higher; KIN 245

Textbook

Class Resource
Web Campus: material will be posted on a regular basis. https://faculty.unlv.edu/jmercer/classes.html

Grading Elements
20% Laboratories You must be registered for a lab section. Lab projects will be assigned periodically and could include problems, movement analyses, library or research tasks, for example.
0% Get Involved Participate in a research study, volunteer for an athletic event, participate in an athletic event.
0% Quizzes Quizzes will be given periodically but will not be graded. The purpose is for you to be able to determine if you are on track.
25% Exam 1 Kinematics (June 19)
25% Exam 2 Kinetics (July 2)
30% Final Exam The Final Exam will be comprehensive, with questions based on readings, lectures, projects, discussions, and previous exams. Thursday, July 9th.

Get Involved
Research: Be a subject, Provide support
Service: Race support volunteer, Shadow personal trainer, Participate in a race ‘Like’ UNLV Biomechanics facebook page

Grading
≥93 A 73-75.9 C
90-92.9 A- 70-72.9 C-
86-89.9 B+ 66-69.9 D+
83-85.9 B 63-65.9 D
80-82.9 B- 60-62.9 D-
76-79.9 C+ ≤59.9 F
Important

Class/Classroom Policies

- **Absences**: Attendance will not be taken, you are expected to come to class. Student is responsible to obtain information/notes for any missed lectures. Instructor is available (after class, office hours) to clarify lecture material missed.
- **Plagiarism/Cheating**: Zero tolerance; No points (0) will be awarded for activity and student will be referred to the Office of the Vice President for Student Life and Student Conduct for further review/penalty/punishment. This is a very serious matter and can result in expulsion.
- **Extra Credit Policy**: There will be no extra credit.

Additional Notes

**Academic Misconduct** – Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV’s function as an educational institution.

An example of academic misconduct is plagiarism: “Using the words or ideas of another, from the Internet or any source, without proper citation of the sources.” See the “Student Academic Misconduct Policy” (approved December 9, 2005) located at: [http://studentlife.unlv.edu/judicial/misconductPolicy.html](http://studentlife.unlv.edu/judicial/misconductPolicy.html).

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**Disability Resource Center (DRC)** - The Disability Resource Center (DRC) coordinates all academic accommodations for students with documented disabilities. The DRC is the official office to review and house disability documentation for students, and to provide them with an official Academic Accommodation Plan to present to the faculty if an accommodation is warranted. Faculty should not provide students accommodations without being in receipt of this plan.

UNLV complies with the provisions set forth in Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, offering reasonable accommodations to qualified students with documented disabilities. If you have a documented disability that may require accommodations, you will need to contact the DRC for the coordination of services. The DRC is located in the Student Services Complex (SSC), Room 137, and the contact numbers are: Voice (702) 895-0866, TTY (702) 895-0652, fax (702) 895-0651. For additional information, please visit: [http://studentlife.unlv.edu/disability/](http://studentlife.unlv.edu/disability/).

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