

**THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF HEALTH SCIENCES
KINESIOLOGY DEPARTMENT**

KIN 4312 Laboratory Syllabus: Spring 2021

Teaching Assistant Information:

Name: Victor Gonzalez (vmgonzalez7@miners.utep.edu): CRN: 20982 and 20983

Ali Mossayebi (amossayebi@miners.utep.edu) CRN: 20984

Jehu Apaflo (jnapaflo@miners.utep.edu) CRN: 20985 and 21673

Video Conferencing Software Link: <https://zoom.us/>

Lab Overview:

- 6 sections related to experiments in exercise physiology.
- Each section includes a presentation, quiz, and lab report.
- You will work in groups of 3, and peer evaluate each other at the end of the semester.

Grading Overview:

- The lab section for KIN 4312 is worth a total of 300 points.
- 6 lab reports (150 points total)
 - Each report is worth 25 points
- 6 quizzes (100 points total)
 - Quizzes for sections 1,2,3, & 6 are each worth 15 points
 - Quizzes for sections 4 & 5 are worth 20 points each
- Group Peer Review (50 points)

Presentations:

- An introductory presentation will be released on Tuesday January 19th, 2021. This will provide an overview of the KIN 4312 lab.
- There will be 6 sections covered in this lab, each detailing laboratory experiments conducted in the field of exercise physiology. At the start of every lab section a presentation will be released on Blackboard that discusses topics related to each experiment.
- This will include the background, purpose, methods, interpretation of results, and other important information such as videos demonstrating the experiments.
- It is important that you watch each presentation, the information will be important for the following lab reports and quizzes.

Lab Reports:

- Each section will include an associated lab report located in your lab manual.
- Pre-generated data will be released on the same day/time as the section presentation.
- You will use this data to fill out the tables in your lab report and answer the associated questions.
- Finished lab reports will be due on the second Friday of each section at 11:59 pm Mountain Time. Lab reports must be submitted as a word document. Any invalid submission (such as cellphone photos) will not receive credit.
 - Ex: Lab 1 begins 01/25 and is due at 11:59 pm 02/05. Lab 2 begins 02/08 and is due at 11:59 pm 02/19.

- Be sure to submit your work along with your completed lab report. These may earn you partial credit when appropriate.
 - Work can be submitted as pictures copy pasted into the word document, .pdfs, or excel worksheets.
- Only one submission per group is necessary.
 - Lab report must be submitted with the file name: Group_X_Lab_Report_X
 - Substitute X for your group number and lab report
 - Names of all participating group members must be at the top of the lab report.
 - Incorrect file naming and/or not including lab member names will result in a point deduction.
- Each lab report is worth a total of 25 points.

Quizzes:

- Each section will include an associated quiz that will be based on information from lab presentations, and the lab manual / lab reports. It is important to prepare for these quizzes beforehand, as they are a substantial part of your lab grade.
- Quizzes are individual, every student must take each quiz.
- Quizzes will be released on the Friday lab reports are due.
 - Ex: Quiz 1 will be released Sunday 02/05. Quiz 2 will be released Sunday 02/19.
- Students will only have one attempt, once you begin the quiz you will have 30 minutes to complete it.
- **They will be released at midnight Friday and be due Monday at 11:59 pm.**
- Quizzes for sections 4 and 5 are worth more (20 points each), as they are longer sections.
- Quizzes for sections 1, 2, 3, and 6 are worth 15 points each.
- Students will use Respondus Lockdown Browser and Monitor to complete each quiz.

Group Participation & Peer Review:

- At the start of the lab you will be assigned to a group with 2 other classmates (3 total students in each group). While this will be an online lab, participation is still important and will be assessed. Since you will be working with your group throughout the lab, your participation directly affects one another. As a result, your group participation grade will be assessed by your groupmates at the end of the Spring semester via a peer review.
 - Groups 1 and 2 will have 4 members if Necessary.
- You will rate each of your group members level of participation on lab reports on a scale of 0 – 10 (a score of 0 = they did not participate at all, a score of 10 = they participated consistently).
- Your total participation grade will be a percentage out of 40 points that is equal to the percentage out the total points your group members could have given you. Plus 10 points for submitting the peer review yourself (if you do not submit the review for all of your group members, you will instead lose 10 points on your group participation grade). This creates a potential to receive 50 total points on the peer review.
 - Ex. Student Receives a 7 and 8 from their peers. That is 15 out of 20 = 75%. 75% out of 40 is 30. 30 + 10 = 40. The student earned 40 out of a possible 50 points.
- Please note, if one of your group members does not fill out a review for you, your grade will be averaged based on what you received. For example, if only 1 group member reviewed you, and gave you 10/10, you will still receive 40 points, plus 10 points for completing the review, for a total of 50 points.
- Peer reviews will be anonymous, the score you give each group mate will be confidential between you and the instructors, it will not be released to your classmates.

While you will be assessed overall by your peers (see above), your participation in each lab report is important. Only students who participate on a lab report should receive credit for that lab report. Remember, you are accountable for communicating with each other, and keeping each other on track with lab reports. You as an individual must reach out to your group, you as a group must reach out to an individual, to complete each assignment. However, if a groupmate(s) did not attempt to participate on a lab report, despite overt attempts

made by the group to include them, they should not receive credit. If this occurs, please contact your TA and inform them of the situation.

Late Submissions, Technical Difficulties & Grade Contentions:

- **Late submissions will not be accepted after the due date of the report.**
- If you experience technical difficulties related to submitting work. Submit work to your TA through email **prior** to the deadline, and inform your TA of the issue.
- If you experience technical difficulties relating to quizzes, inform your TA of the issue **immediately**, and please provide evidence of the issue (such as a screen shot), so that the quiz can be reopened for you if necessary.
- Students will have one week after the grade for any assignment is posted to contest their grade with the TA.

Office Hours:

- During Spring 2021 the TA office will be closed. However, virtual TA office hours will be available via Zoom by email appointment only.
 - When requesting an online zoom meeting be sure to include multiple meeting times you are available for and your TA will reply in a timely manner. If the concern is about the group lab report be sure to CC your group members on the email so they may join the meeting as well.
- When emailing your TA be sure to Cc your group members, when appropriate, so they can be included in the discussion.
 - Ex: When asking for clarification on how to complete a lab report. Include your group members in the email so they can complete their work correctly as well.

Tentative Lab Schedule:

Section Topics & Dates	Released Material	Items Due	Quiz Dates/Availability
0) Introduction Tuesday, Jan. 19th – Friday, Jan 22nd	Introductory Presentation	Exchange group member contact information	None
1) Body Composition Assessment Monday, Jan. 25th –Friday, Feb. 05th	Presentation 1 and Lab Report Data	Lab Report 1 Feb. 5th @ 11:59 pm	Quiz 1 Feb. 5th @ Midnight – Feb. 8th @ 11:59 pm
2) Cardiovascular System: Blood Pressure Measurements Monday, Feb. 8th –Friday, Feb. 19th	Presentation 2 and Lab Report Data	Lab Report 2 Feb. 19th @ 11:59 pm	Quiz 2 Feb. 19th @ Midnight – Feb. 22nd @ 11:59 pm
3) Acid Base Balance, Ventilatory/Lactate Threshold Monday, Feb. 22nd –Friday Mar. 5th	Presentation 3 and Lab Report Data	Lab Report 3 Mar. 5th @ 11:59 pm	Quiz 3 Mar. 5th @ Midnight – Mar. 8th @ 11:59 pm
4) Bioenergetics Monday, Mar. 8th – Thursday, Apr. 1st	Presentation 4 and Lab Report Data	Lab Report 4 Apr. 1st @ 11:59 pm	Quiz 4 Apr. 1st @ Midnight – Apr. 5th @ 11:59 pm
5) Exercise Metabolism Monday, Apr. 5th – Friday, Apr. 16th	Presentation 5 and Lab Report Data	Lab Report 5 Apr. 16th @ 11:59 pm	Quiz 5 Apr. 16th @ Midnight – Apr. 19th @ 11:59 pm
6) Muscle Structure: Musculoskeletal Fitness Measurements Monday, Apr. 19th –Friday, Apr. 30th	Presentation 6 and Lab Report Data Peer Evaluations	Lab Report 6 Apr. 30th @ 11:59 pm Peer Evaluations May 3rd @ 11:59 pm	Quiz 6 Apr. 30th @ Midnight – May. 3rd @ 11:59 pm