

San José State University
Department of Kinesiology
KIN 147, Biomechanical Assessment of Movement, Fall 2025

Course and Contact Information

Instructor:	Dr. Sherveen Riazati
Email:	Sherveen.riazati@sjsu.edu
Office Hours:	Friday from 2:00 – 4:00 pm SPX 173F. Drop in or by appointment. (I have an open-door policy, meaning if my door is open on a day, you can come in and talk to me)
Class Days/Time:	Lecture: Monday from 7:30 – 8:50 am in person Labs: Mondays and Wednesdays, <u>In Person</u> , at assigned times
Classroom:	Lecture: Yoshihiro Uchida Hall 124 Lab: Biomechanics Lab: Spartan Complex Central (SPX), Room 234
Prerequisites:	KIN 158 (C- or better). If a student does not have this course, the student will be dropped.

A personal note from Dr. Riazati:

I am very excited to meet you and to be part of your educational journey. I hope that we have a great semester and can push through all the challenges of this course together.

My one ask is for you to communicate with me when you meet a challenge. Without communication, I will not be able to assist. Do not hesitate to reach out.

Course Description

This class is designed to assist the student in becoming familiar and proficient with the biomechanical methods and equipment for assessing human movement performance characteristics with the following goals: improving movement effectiveness, preventing injuries, and assessing rehabilitation progress. This course is designed for all students to be able to take the tools to be able to gather, process, and report data.

Course Format

Technology Intensive Courses

IMPORTANT: For this course, each student is required to have installed Microsoft Word or Excel. If you do not have it installed, please be aware that each software is free to SJSU students, and you can communicate with the IT department to help with installation. The professor is not responsible for assisting the students in acquiring the required tools. Any other form or means will not be accepted, so please do not ask.

Students will need regular access to a computer that will allow installments of the required software and reliable internet access. Computers are available through SJSU library, but you must search this resource out for yourself if needed.

While the Canvas app for phones can be used for course communication and some basic tasks, students have found it's best to use the desktop/laptop version of Canvas (rather than the phone app) for more complex tasks like submitting assignments and taking quizzes.

You will submit assignments through the Canvas Learning Management System (LMS). Students must be able to open Word, Excel, and PDF formats to complete and submit certain lab activities and assignments. This can include MS Office, Google Apps (you can access this through your SJSU Google email account), Adobe PDF, or equivalent software. Be sure to submit all assignments as *.doc*, *.docx*, *.xls*, *.xlsx*, or *.pdf* for grading. Canvas will not allow me to open and read the assignment if it is in any other format. Assignments are not accepted via email; you must submit them to the instructed location.

NOTE TO STUDENTS USING APPLE PRODUCTS or GOOGLE: Canvas works well with .doc, .docx, OR .pdf documents but does not read iWork created documents ending in .pages. Please convert iWork types of documents to .doc, .docx or .pdf before submitting. We also don't follow links so if you're using Google docs, be sure to 'download' your file as a .docx or .pdf file before submitting.

Characteristics that help students succeed in this course include: 1) **good time management skills**; 2) being a “reader” (most of the course materials and ALL of the assignment instructions are in written format); 3) having strong writing skills; and 4) **communication with each other and your instructor frequently!**

Canvas and MYSJSU Messaging

- Course materials, such as syllabus, worksheets, notes, assignment instructions, *etc.*, can be found on [Canvas Learning Management System course login website](https://sjsu.instructure.com) at <https://sjsu.instructure.com>. You are responsible for regularly checking with the messaging system through [MySJSU](http://one.sjsu.edu) on [Spartan App Portal](http://one.sjsu.edu) <http://one.sjsu.edu> (or another communication system indicated by the instructor) to learn of any updates. For help with using Canvas see [Canvas Student Resources](https://www.sjsu.edu/ecampus/software-tools/teaching-tools/canvas/index.php) page (<https://www.sjsu.edu/ecampus/software-tools/teaching-tools/canvas/index.php>)
- It is the student's responsibility to regularly check [Canvas](https://sjsu.instructure.com) for updates on assignments and general messages from the instructor. I highly recommend updating your Canvas notifications page to receive announcements and notifications daily and to receive assignment comments and emails immediately. Sometimes the instructor may ask for additional submission information.
- The Professor will make announcement for every important lab and occasions that requires extra attention. All updates for course schedule and syllabus will also be given via announcement. It is very important for the student to read each announcement.
- We do a lot of online/web-based work in this class. Please make sure you have reliable WiFi and up-to-date AntiVirus software. You can get [FREE antivirus software](http://www.sjsu.edu/it/services/computer-security/antivirus-sophos.php) for Mac and PC from SJSU at <http://www.sjsu.edu/it/services/computer-security/antivirus-sophos.php>
- The student is responsible for keeping internet browsers on their computers and hand-held technological devices up to date to ensure proper connectivity to Canvas for access to course materials and to turn in assignments. If you are experiencing issues with connection, check with [Department](https://www.sjsu.edu/it/) (<https://www.sjsu.edu/it/>) or the [eCampus department](https://www.sjsu.edu/ecampus/) (<https://www.sjsu.edu/ecampus/>).

Getting Help:

For Canvas or browser connectivity issues, please contact the eCampus Help Desk. The Help Desk can give technical support for issues encountered in Canvas Courses.

- Phone: (408) 924-2337
 - Or get [HELP](#) using the following URL: <https://www.sjsu.edu/ecampus/how-we-can-help/index.php>
- It is **YOUR** responsibility to ensure the software works properly on your chosen device. If you encounter technical issues, contact the eCampus department (ecampus@sjsu.edu) for assistance, change devices, or change your seat in the room (some seats pick-up the WiFi better than others).

How to Succeed in This Course

The primary purpose of this course is to *understand* the main concepts within biomechanics and to be able to *apply* the methods used within various settings such as clinics and research labs. In order to get to this level of understanding and applying biomechanical methods in practice, we will need to spend the time and effort to practice the techniques and understand how the data obtained is analyzed. We will want to challenge ourselves, such as with the following questions: How can I gather quality data? How do I analyze and interpret the data? What questions can I answer? We can continuously work to actively address these questions both inside of the lecture as well as the lab. I want you to succeed in this course, so let me know what I can do to support you.

Respect for Diversity

The Department of Kinesiology is committed to developing and implementing equitable curricula and teaching practices that reflect the diversity of our student body and departmental core values. The faculty strives to foster an inclusive learning environment where all students feel valued, supported, welcomed, and empowered to succeed in **ALL** classes. All students, inclusive of all, but not limited to ethnicities, socioeconomic and cultural backgrounds, gender identities and expressions, castes, religions, ages, sexual orientations, abilities, bodies, political affiliations, statuses, and nationalities, are encouraged to share their rich array of perspectives and experiences. KIN department faculty, staff, and students all have something of value to contribute. Everyone is expected to respect differences and demonstrate diligence in understanding how others' perspectives, behaviors, and views may be different from theirs.

My goal is that this course will respect and value the diversity of students from all backgrounds and experiences. This diversity is a resource for all aspects of our class, including as we engage in discussions as a whole class as well as in groups. In accordance with San José State University's Policies, the Student Code of Conduct, and applicable state and federal laws, discrimination based on gender, gender identity, gender expression, race, nationality, ethnicity, religion, sexual orientation, or disability is prohibited in any form. Your feedback and suggestions to improve the course are greatly appreciated, so feel free to contact me.

Canvas Learning Management System and Student Email/ MYSJSU Messaging

Course materials, such as syllabi, handouts, notes, assignment instructions, etc., can be found on the [Canvas Learning Management System](http://sjsu.instructure.com) at <http://sjsu.instructure.com>. You are responsible for regularly checking your SJSU email/mysjsu messaging and Canvas Announcements page to learn of any updates. I suggest you check your [Canvas Notification Settings](#) to ensure Canvas Announcements will be sent to your SJSU email account. For help with using Canvas see [Canvas Student Resources page](http://www.sjsu.edu/ecampus/teaching-tools/canvas/student_resources) (http://www.sjsu.edu/ecampus/teaching-tools/canvas/student_resources)

How to contact the instructor

For questions about general logistics or tips on how to succeed in the course or about concepts in the class, whose response may help other students as well, the best method will be email. For any questions of a personal nature, please contact Dr. Riazati directly at sherveen.riazati@sjsu.edu or drop by my office.

Course Learning Outcomes (CLO)

Upon successful completion of this course, students will be able to:

1. Use professional biomechanical and anatomical terminology appropriately and accurately.
2. Demonstrate practical knowledge of manual muscle testing and range of motion (RoM) techniques for selected motions.
3. Determine the appropriate method and equipment to evaluate movement.
4. Demonstrate the ability to conduct qualitative and quantitative biomechanical analysis using 2D and 3D motion analysis, force plates, and Electromyography (EMG).
5. Demonstrate practical knowledge of anatomical landmarks and palpation relevant to appropriate use of biomechanical equipment.
6. Accurately measure kinetic and kinematic variables using the available biomechanical equipment.
7. Discuss current trends and appraise peer-reviewed literature on biomechanical concepts.

Required Texts/Readings

Textbook

There is no required textbook for this course; however, below is a list of books and publications that will not only assist but will be utilized to further the enhancement of understanding of the biomechanical analysis methods and tools used during the semester.

The current KIN 158 textbook may be helpful for this class but is not necessary or required:

Biomechanics: A Case Based Approach, Flanagan S (2019), 2nd edition. Burlington MA, Jones and Bartlett Learning (ISBN: 9781284102338).

Suggested Readings

While this class has no required textbooks, I have placed a number of articles to be read that would help us understand the nature of our course. I will be adding them to Canvas for easy finding and reading.

Riazati S, Caplan N, Matabuena M, and Hayes PR (2022) *Gait and Neuromuscular Changes Are Evident in Some Masters Club Level Runners 24-h After Interval Training Run*. *Front. Sports Act. Living* 4:830278. doi: 10.3389/fspor.2022.830278

Riazati S, Caplan N, Matabuena M and Hayes PR (2020) *Fatigue Induced Changes in Muscle Strength and Gait Following Two Different Intensity, Energy Expenditure Matched Runs*. *Front. Bioeng. Biotechnol.* 8:360. doi: 10.3389/fbioe.2020.00360

David A. Winter (1983) *Biomechanical Motor Patterns in Normal Walking*, *Journal of Motor Behavior*, 15:4, 302-330, DOI: 10.1080/00222895.1983.10735302

Novacheck, T.F., 1998. *The biomechanics of running*. *Gait Posture*.

Cavanagh, P.R., Williams, K.R., 1982. The effect of stride length variation on oxygen uptake during distance running. Med. Sci. Sports Exerc. 14, 30–35.

In addition, an anatomy textbook, atlas, or alternate study aid may be helpful to review relevant anatomy. Other readings that supplement the lecture material may be posted on Canvas.

Other Technology Requirements - IMPORTANT

Access to a computer and internet connection is necessary to be successful in this class, as well as Microsoft Excel. Microsoft Office 365 is available to SJSU students via the Microsoft site for students. Microsoft Office 2013 is also available at a discounted rate. All students must also be able to access Canvas and In Person online.

Library Liaison
Adriana Poo
(408) 808-2019
adriana.poo@sjsu.edu

Course Requirements and Assignments

1. Exams (50% of final grade)

There will be two midterm exams (35% of the final grade) and one cumulative final exam (15% of the final grade). Exams will be in person.

You will have three exams in this course, two mid-terms and one final exam. All exams cover lectures and lab material presented up to the exam date. Exams will be taken only on the dates specified on the class schedule. Midterms will consist of (to be a determined number) questions worth 100 points per exam and will be a combination of multiple choice, true/false, and matching questions. The exams are not cumulative.

(Whether scantrons are used or the exam will be done on canvas will be determined during the term. Only Scantron form 882E will be used if that direction is chosen).

You will have three exams in this course, two mid-terms and one final exam. All exams cover lectures and lab material presented up to the exam date. Exams will be taken only on the dates specified on the class schedule. Midterms will consist of (to be a determined number) questions worth 100 points per exam and will be a combination of multiple choice, true/false, and matching questions. The final exam will be cumulative.

- **All Exams will be online and in class. You will need to have access to a compute with *Respondus lockdown browser*.**
- **If you do not have Respondus lockdown browser active on your device during exams, you will not be able to take it and will result in a zero.**
- **There are no bathroom breaks during exams; please plan accordingly.**
- Your exam will be taken during your assigned lab time and will be taken online, similar to your quizzes. If you don't have a laptop or device, please use the computers. You can arrive 5 minutes early and set up. However, this will not be the case for final exam.
- **Each section will have its own access code. You will sign a physical plagiarism page that will show you were in attendance at the right time. If you take the exam outside of lab time without my knowing, it will be an automatic F.**

- All exams are closed notes, closed neighbors.
- Exams will take place at your designated lab time at SPX 234; unless we have spoken and agreed on another time.
- Students must arrive on time to take exams.
 - If a student arrives late to an exam, they will have only the amount of time remaining for the regular exam period, no extensions will be granted under any circumstance.
 - If you commute to campus, add additional time for traffic and parking.
- All electronic devices (cell phones, smart watches, computers,) must be turned off and placed away during exams– **ABSOLUTELY NO EXCEPTIONS.**
- Electronic translators, dictionaries, and other study aids will also be prohibited.
- Exams will be reviewed in lecture following
 - Exams will not be available for viewing outside of the one review.
 - No student can view exams on own time

Make-ups for Midterms and Final exam:

There will be no make-ups given for any exam unless you notify the instructor two days **prior** to the **starting time** of the exam that you will be absent.

- I will allow alternate exam times as long as it is to be taken at one of the lab sessions.
- If you present a doctor's or judge's letter or accident/police report that documents a valid reason for your absence, a make-up exam may be assigned after discussion with the instructor.
- Valid, verifiable documentation must be presented to the instructor **WITHIN 48 HOURS OF THE MISSED EXAM DATE.**
- If you have missed class due to a non-medical emergency, such as dealing with a personal matter that would best be talked over with the amazing people at the [SJSU Counseling Center](http://www.sjsu.edu/counseling/) at <http://www.sjsu.edu/counseling/> I highly encourage you to reach out to them. They usually can provide you with a general letter stating that you were seen on the date in question (no details are needed other than you were seen), and I can use that as documentation to consider if a make-up exam is possible.

2. Lab Assignments (30% of final grade)

All labs will be in person at assigned times. Each lab will be broken into groups, with each person responsible for their work and hands in an individual assignment. Labs will be demonstrated and performed on Mondays and will be. Lab assignments will be checked for plagiarism.

- Valid, verifiable documentation must be presented to the instructor **WITHIN 48 HOURS OF THE MISSED LAB SUBMISSION.**
- If you have missed class due to a non-medical emergency, such as dealing with a personal matter that would best be talked over with the amazing people at the [SJSU Counseling Center](http://www.sjsu.edu/counseling/) at <http://www.sjsu.edu/counseling/> I highly encourage you to reach out to them. They usually can provide you with a general letter stating that you were seen on the date in question (no details are needed other than you were seen). I can use that as documentation to consider if a make-up exam is possible.

3. Lecture Quizzes (10% of final grade)

Lecture quizzes will be posted on Canvas and will only be taken during the lectures. If you are not in attendance and a quiz is taken, you will be reported for plagiarism. If you miss a quiz, communicate with Dr. Riazati for make-up.

There is an associated lecture quiz for each lecture. These quizzes assess students' knowledge of the biomechanical principles discussed in the lecture. Lecture assignments will be completed on Canvas and are due prior to the start of the following lecture.

4. Final Individual Project (10% of final grade)

This project will be of a great deal that will require full participation. The schedule below is provided for you to ensure participation in data collection. However, the specific date for data collection may change as it is dictated by the flow of lab. Each individual not present for the group's participation will be deducted 15% from the final grade. The project will also require complete participation in the data processing portion; please ensure you are physically in the lab working on processing. No extensions will be granted for this project, and office hours will not be dedicated to helping with the process and analysis of data. Lab times are designated for this purpose.

5. Attendance (0% of final grade)

All lectures will be conducted in person (Mondays 7:30 am-8:50 am)

Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally three hours per unit per week) for instruction, preparation/studying, or course-related activities, including but not limited to internships, labs, and clinical practical. Other course structures will have equivalent workload expectations as described in the syllabus.

LATE ASSIGNMENTS AFTER FOUR DAYS WILL NOT BE ACCEPTED IN KIN 147. QUIZZES WILL HAVE NO RESUBMISSIONS, AND LABS CANNOT BE RESUBMITTED WITHOUT DR. RIAZATI'S APPROVAL.

Grading Information

This course will not be graded on a curve, and no assignments will be dropped from the overall course. Each lab assignment is essential to your learning objective and deemed necessary. If communicated promptly, there will be avenues for extensions for assignments.

Grading Summary

Assignment	Total points possible	% of Final Grade
Lab Assignments (points vary with each)	280	30
Final Project	55	10
Quizzes 7 total	61	10
Exams 2 total	200	35
Final Exam	140	15
Total	766	100

Final grades for this course will be calculated from the activities described above. Currently, no extra credit opportunities are expected; however, if opportunities do occur, Dr. Riazati will inform you of these. The course is not graded on a curve, but grades will be rounded up 1% if it would help bring the grade up one whole level. The following grading scale is used:

<i>Grade</i>	<i>Percentage</i>
<i>A plus</i>	<i>98 to 100%</i>
<i>A</i>	<i>93 to 97%</i>
<i>A minus</i>	<i>90 to 92%</i>
<i>B plus</i>	<i>88 to 89 %</i>
<i>B</i>	<i>83 to 87%</i>
<i>B minus</i>	<i>80 to 82%</i>
<i>C plus</i>	<i>78 to 79%</i>
<i>C</i>	<i>73 to 77%</i>
<i>C minus</i>	<i>70 to 72%</i>
<i>D plus</i>	<i>68 to 69%</i>
<i>D</i>	<i>63 to 67%</i>
<i>D minus</i>	<i>60 to 62%</i>

Due to the flexibility already built into the grade calculation, I do not plan on late assignments being accepted four days past their due date without penalty (see below). However, I realize that sometimes unavoidable life circumstances, especially during these current times, make success in this course challenging. Please communicate with Dr. Riazati as soon as possible to discuss options. I urge you to communicate with the professor immediately and not wait until the semester's end if you need options.

Late Work

The penalty for a late assignment is a 25% deduction for each day the assignment is late. There will be exceptions made if communicated by email or in person at least two days prior to the date of submission. Assignments after four days of the submission date will not be accepted under any condition, given that no communication was made before the submission date.

Extra Credit

There is no formal extra credit for this class.

Incompletes

Incompletes are not permitted for this course. It is the student's responsibility to drop the course if it cannot be completed.

Final Examination or Evaluation

The final exam for this class will be **cumulative** and will occur on **Thursday, May 15, from 8:00 - 10:30 am**. Please let your professor know ASAP if you need more time to make that exam time.

University Policies

Per [University Policy S16-9](http://www.sjsu.edu/senate/docs/S16-9.pdf) (<http://www.sjsu.edu/senate/docs/S16-9.pdf>), relevant university policy concerning all courses, such as student responsibilities, academic integrity, accommodations, dropping and adding, consent for a recording of the class, etc., and available student services (e.g., learning assistance, counseling, and other resources) are listed on [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo) (<http://www.sjsu.edu/gup/syllabusinfo>), which is hosted by the Office of Undergraduate Education. Make sure to visit this page to review and be aware of these university policies and resources.

Additional Information

Communication

Success in this course is heavily dependent on how well you communicate with the instructor. If you have a question and believe other students may have the same question regarding a lecture/lab topic, please email me. I do my best to respond to emails promptly (within a few hours). I will not be checking emails after 5:00 pm, and if you email me after 4 pm on Friday, I will likely be able to respond on Monday morning.

If you have any concerns or need assistance, please contact the instructor as soon as possible and promptly. The best method of contact is email.

Academic integrity – READ CAREFULLY AND ASK QUESTIONS IF YOU DO NOT UNDERSTAND

Your commitment, as a student, to learning is evidence by your enrollment at San Jose State University. Student Conduct and Ethical Development promotes academic integrity through enforcing the Academic Integrity Policy ([University Policy F15-7](#)). Pursuant to the Academic Integrity Policy, all allegations of cheating and plagiarism should be referred to the Office of Student Conduct and Ethical Development.

Instances of academic dishonesty will not be tolerated. Cheating on exams or plagiarism of any kind on any written assignment (presenting the work of another as your own or the use of another person's ideas without giving proper credit) will result, at a minimum, in a failing grade for the assignment and/or a failing grade in this course for the semester and/or sanction by the University. For this class, all assignments are to be completed by the individual student unless otherwise specified. NOTE: If you include in your assignments for this course any material you have submitted or plan to submit, for another class, this can be considered plagiarism. For many other forms of plagiarism, please see the examples listed below:

Many different forms of plagiarism are listed in the policy, and all students are responsible for knowing them. Some examples are:

- Copying part of the whole of another student's (current or former student) assignment;
- Submitting an assignment you submitted in another course;
- Copying part of the whole of a published work without using quotation marks or without using your own words to explain the other author's ideas;
- Summarizing/paraphrasing another author's ideas or work without giving credit to that author (i.e., a citation) and/or without using your own words;
- Quoting another author's ideas or work without giving credit to that author (i.e., a citation);
- Copying information from the internet without putting it into your own words and/or giving credit to the author.

There are many other forms that plagiarism can take, not included herein, all of which have serious consequences.

University Policies

Per [University Policy S16-9](http://www.sjsu.edu/senate/docs/S16-9.pdf) (<http://www.sjsu.edu/senate/docs/S16-9.pdf>), relevant university policy concerning all courses, such as student responsibilities, academic integrity, accommodations, dropping and adding, consent for the recording of the class, etc., and available student services (e.g., learning assistance, counseling, and other resources) are listed on [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo) (<http://www.sjsu.edu/gup/syllabusinfo>), which is hosted by the Office of Undergraduate Education. Make sure to visit this page to review and be aware of these university policies and resources.

Consent for Recording of Class and Public Sharing of Instructor Material

There are no photographs or video recordings allowed in class. You must individually ask me for permission for audio recordings of classes. While this class is entirely in person, in the event of a Zoom session, video recording, audio recording, and photographs of any online classes on Zoom are not allowed.

Students are **prohibited from recording** lectures, office hours, advising sessions, and other class activities, **distributing** any recordings, or **posting** class recordings. Audio recording of lectures requires permission, but students are **prohibited from distributing or posting** any recordings.

Materials created by the instructor for the course (syllabi, lectures and lecture notes, presentations, assignments, handouts, etc.) are **copyrighted** by the instructor. This university policy ([S12-7](#)) is in place to protect the privacy of students in the course, as well as to maintain academic integrity by reducing instances of cheating. **Students who record, distribute, or post these materials will be referred to the Student Conduct and Ethical Development office.** Unauthorized recording may violate university and state law. It is the responsibility of students that require special accommodations or assistive technology due to a disability to notify the instructor.

[University Policy S12-7](http://www.sjsu.edu/senate/docs/S12-7.pdf), <http://www.sjsu.edu/senate/docs/S12-7.pdf>, *requires students to obtain the instructor's permission to record the course* and the following items to be included in the syllabus:

- “Common courtesy and professional behavior dictate that you notify someone when you are recording him/her. You must obtain the instructor’s permission to record audio or video in this class. Such permission allows the recordings to be used only for your private study purposes. The recordings are the instructor's intellectual property; you have not been given any rights to reproduce or distribute the material.”
- “Course material developed by the instructor is the intellectual property of the instructor and cannot be shared publicly without his/her approval. You may not publicly share or upload instructor generated material for this course such as exam questions, lecture notes, or homework solutions without instructor consent.”

Counseling and Psychological Services

The SJSU Counseling and Psychological Services is located on the corner of 7th Street and San Carlos in the new Student Wellness Center, Room 300B. Professional psychologists, social workers, and counselors are available to provide confidential consultations on issues of student mental health, campus climate, or psychological and academic issues on an individual, couple, or group basis. They also offer numerous workshops for students every semester. To schedule an appointment or learn more information, visit the Counseling and Psychological Services website at <http://www.sjsu.edu/counseling>.

Religious Holidays

San José State University provides accommodation for students observing religious holidays that require absence from class. It is the responsibility of the student to inform the instructor about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor at least three days before the absence. It is the responsibility of the instructor to make every reasonable effort to honor the request without penalty, and of the student to make up the work missed.

Accessible Education Center

Students with disabilities who need reasonable accommodations are encouraged to contact the instructor. Accessibility Services is available to facilitate the reasonable accommodations process. They can be reached by phone at 408-924-6000 or by email: aec-info@sjsu.edu. For more information about the University’s program supporting the rights of our students with disabilities see: <http://www.sjsu.edu/aec/>

Learning Environment

My aim for this course is to create an inclusive learning environment where all students feel welcome to participate and are free from judgment. To help make this learning environment, all students are asked to bring a positive attitude to class, be respectful and kind to classmates, and keep an open mind. Students can expect the instructor will do the same.

Campus Emergency Information

Your appropriate response in the event of an emergency can help save lives. Emergency procedures will be reviewed on the first day of class and may be found at: <http://www.sjsu.edu/emergency/> Please be familiar with these procedures and review the information regularly. The campus emergency phone is 911, and the University Police Department (UPD) can be reached at (408) 924-2222.

Schedule

Next page outlines our schedule for the semester. The deadlines are firm unless altered by the instructor and will be communicated through announcements on Canvas. You may complete and submit your assignments ahead of the deadlines. There should be no reason you can't get your work submitted by the due dates listed below. Please refer to the above for the late submission policy. All work is to be submitted or completed on Canvas. Because of this, there are no late assignments accepted. Plan ahead, use your time wisely, and you will do great in this course.

Announcements

Each student is responsible to pay close attention to announcements throughout the semester. Dr. Riazati will announce changes to the course schedule and any necessary updates related to the course. Failure to read will not be accepted as an excuse to have missed vital information.

KIN 147 Fall 2025 Course Schedule

The course is scheduled for Monday lectures and Monday and Wednesday Labs. Please see below and attend labs at the time you are scheduled.

This schedule is tentative. The instructor reserves the right to make changes at any time. Students will be promptly notified via announcements if any changes do occur.

Module	Topic	Date/Time
Module 1	Course Intro	Monday 08/25 at 7:30 am
	Excel Refresher	Monday 08/25 & Wednesday 08/27
	Lab quiz (in-class)	& Wednesday 09/03
	Lab due on Canvas	Monday 09/08
Module 2	Goniometry & MMT	Monday 09/08 by 7:30 am
	Goniometry & MMT Lab	Monday 09/08 at 7:30 am
	Lab assignments due on Canvas	Monday 09/08 & Wednesday 09/10
	Lab quiz (in-class)	Wednesday 09/15 at 7:30 am
Module 3	2D Motion Capture & Analysis	Monday 09/15
	2D Motion Capture & Analysis Lab	Monday 09/15 at 7:30 am
	Lab assignments due on Canvas	Monday 09/15 & Wednesday 09/17
	Lab quiz (in-class)	Monday 09/22 at 7:30 am
Module 4	3D Motion Capture	Monday 09/22
	3D Motion Capture Lab	Monday 09/22 at 7:30 am
	Lab assignments due on Canvas	Monday 09/22 & Wednesday 09/24
	Lab quiz (in-class)	Monday 09/29 at 7:30 am
Module 5	3D Motion Analysis	Monday 09/29
	3D Motion Analysis Lab	Monday 09/29 at 7:30 am
	Lab assignments due on Canvas	Monday 09/29 & Wednesday 10/01
	Lab quiz (in-class)	Monday TBD
Module 6	Exam 1 Review	Monday 10/06
	3D Motion Analysis Lab	Monday 10/06
	Midterm Exam 1	Wednesday 10/08
Module 7	GRFs and Force Plates	Monday 10/13 at 7:30 am
	GRFs and Force Plates Lab	Monday 10/13 & Wednesday 10/15
	Lab assignments due on Canvas	Monday 10/20 at 7:30 am
	Lab quiz (in-class)	Monday 10/20
Module 8	Electromyography	Monday 10/20 at 7:30 am

	EMG and Final Project Purpose Lab quiz (in-class)	Monday 10/20 & Wednesday 10/22 Monday 10/27
Module 9	Joint Moments Final Project Data Collection Lab quiz (in-class)	Monday 10/27 at 7:30 am Monday 10/27 & Wednesday 10/29 Monday 11/03
Module 10	Exam 2 Review Final Project Data capture/analysis Midterm Exam 2	Monday 11/03 at 7:30 am Monday 11/03 Wednesday 11/05
Module 11	Running Shoes Final Project Analysis	Monday 11/10 at 7:30 am Monday 11/12 & Wednesday 11/12
Module 12	Clinical Gait Final Project	Monday 11/17 at 7:30 am Monday 11/17 & Wednesday 11/19
Module 13	Writing Workshop Final Project	Monday 11/24 at 7:30 am Virtual Monday 11/24
<i>Winter Recess / Thanksgiving</i>		<i>November 27 – November 29</i>
Module 14	Final Exam Review Final Project	Monday 12/01 at 7:30 am Monday 12/01

Final Project Due date: December 01 by 5:30 pm.

Last day of instruction will be on Monday December 8th.

Final Exam - Wednesday December 10)

Topic

Final Exam

*Note: The final exam will occur from 8:30 am – 10:30am on **Wednesday December 10**. This scheduled during the assigned final exam time slot. If you have a conflict with this time slot, please let Dr. Riazati know ASAP. Alternate testing times may be arranged with documentation of a conflict and advanced notice (at least 72 hours, but ideally several weeks) to the instructor.*

The Exam will be taken on Canvas.

***RESPONDUS LOCKDOWN** will be mandatory and you will not be permitted to take the exam without it.*