San José State University Kinesiology Spring 2022, KIN 35a, Beginning Weight Training

Contact Information

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Office Hours: Wednesday 2:30p-3:30pm

Class Meetings & location: Monday/Wednesday 1:30p-2:20p

YUH 126

Course Description

This course is designed to teach the basic concepts of weight training for muscular strength and endurance. Its goal is to provide students with knowledge about the principals involved in weight training and the health-related components of fitness through a variety of exercises.

Web Resource

Course materials may be found on the e-campus <u>Canvas learning management system</u> at http://www.sjsu.edu/at/ec/canvas/. You are responsible for regularly checking the Canvas discussion board and email for information and messages. Login using your mysjsu username and password.

Course Goals and Student Learning Objectives

Following activities and assigned reading, students will be able to demonstrate through class activities/assignments, skills tests, and written exams,

- Knowledge of fundamental skills, techniques for beginning weight training.
- Understand how to work out regularly using resistance exercises.
- Be able to demonstrate safe and correct lifting techniques.
- Improve muscle strength/endurance and flexibility.
- Demonstrate knowledge of basic terminology, guidelines, principles and benefits of weight training, muscle structure and function, appropriate exercises for each major muscle group.
- Understand the basics of using a variety of resistance equipment and training techniques.
- Apply training principles to design personal training programs.

- Demonstrate knowledge on weight training concepts, muscle structure and function, appropriate exercises for developing specific muscle/muscle groups, program design considerations for a specific training goal, variety in resistance training systems and general knowledge on nutrition and supplementation.
- Apply this knowledge on executing a safe and effective weight training program
 by conforming with safety rules (use of equipment and weight room, proper form
 and alignment, spotting).

Activity Program Learning Outcomes

After completion of the physical activity graduation requirement, students shall be able to:

- Demonstrate proficiency in the execution of the motor/sport skills appropriate to the specific activities completed.
- Identify and/or explain the applicable history, rules, strategies, current research, safety, and etiquette related to the specific activities completed.
- Identify and/or explain the benefits of physical activity as related to physical and mental health.

Text/Readings

- Resources will be posted on Canvas
- Notebook

Course Notes

- If you have pre-existing medical or physical problems, you should consult your
 physician before participating in this class and alert the instructor to any required
 limitations.
- Class protocol: Students are expected to arrive on time and participate fully in all
 activities throughout the class period with appropriate active wear including
 shoes. Turn cell phone off and put away for the duration of the
 class. Interactions with classmates and the instructor are expected to be
 respectful at all times. No food or gum allowed in the weight room.
- Recording class: Instruction may not be recorded. If classmates ask you to record their performance for later review make sure it is done before or after class rather than during class. Do not post or otherwise share the recording.
- Intellectual property: Course materials developed by the instructor (e.g., exam/quiz items, videos, lecture notes), are the instructor's intellectual property and cannot be shared or uploaded in any form publicly without the instructor's approval.
- Report any accidents to the instructor immediately.
- Course grades will be posted on Canvas by the end of finals week.
- Drop requests will not be accepted after the SJSU drop deadline.

Course Requirements, Assignments, and Grading

- 1. Regular participation is required to meet the course objectives.
- 2. If a serious illness or an accident occurs that requires an extended break in engagement, the student should obtain a medical statement and withdraw from the class.
- 3. Quiz and skills tests will be used to assess exercise understanding.
- 4. Completion of workout log to be turned in at the end of the semester.
- 5. Completion of the final exam.

Tests:

 Skills Test will be used throughout the semester to test understanding and technique of given movement. A baseline skills test will be given to assess beginning capabilities to then be tested again at the end of the semester. Students must attend class to get credit for assessment of technique. Rubrics will be provided for grading purposes.

Skills Test (cannot be made up except for serious and compelling reasons):

Skills Tests will cover proper technique during performance of the following exercises:

- Plank
- T-Hold
- Core variations: side plank, dead bug, carry
- Deadlift
- Squat
- Vertical Pull
- Vertical Push
- Horizontal Pull
- Horizontal Push

*Skills tests will be graded on safe technique while performing the exercise (not the amount of weight lifted)

All submissions will be due via Canvas video

Test/Quizzes:

- 3 guizzes will be given via Canvas to test knowledge of course material
- All quizzes will be available on Monday's and Due the same week by Friday
- Final Written Exam on Canvas

Assignments/Projects:

 Training Log: Students will be tasked with logging and creating their own training program by using knowledge provided throughout the course (components of a training session, including warm up/prep, movement patterns, and periodization). Details on the assignment will be provided at a later date.

Grading

- Grading will be based on point totals.
- Grades will be determined by doing tasks on time, participation, accuracy, and improvement.
- Late work will not receive full credit. Five points will be deducted for each day late.

Grading Plan

50% Skills Tests (50 points - 10 points each)

10% Participation (10 points (1/2 point each class) possible for active participation will be given throughout the semester including discussions and group activities) 5% Training Log - Draft (5 points)

10% Training Log - Final (5 points) with Reflection (5 points)

25% Written Test - Quiz (15 points) & Final Exam (10 points)

Total: 100 points

Grading Scale used to determine final course grade.

Percentage	Equivalent Grade
97% - 100%	A+
93% - 96%	А
90% - 92%	A-
87% - 89%	B+
83% - 86%	В
80% - 82%	B-
77% - 79%	C+
73% - 76%	С
70% - 72%	C-
67% - 69%	D+
63% - 66%	D
60% - 62%	D-
below 60%	F

^{*}Extra credit opportunities provided throughout the semester

Campus Resources

Per University Policy S16-9 (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 recording of class, etc. and available student services (e.g. learning assistance, counseling, and other resources) are listed on the Syllabus Information web page (https://www.sjsu.edu/curriculum/courses/syllabus-info.php). Make sure to visit this page to review and be aware of these university policies and resources.

SJSU Technical Support:

Email: <u>itservicedesk@sjsu.edu</u>

Phone: (408) 924-1530

Web: https://www.sjsu.edu/it/support/service-desk/index.php

Course Calendar (subject to change with fair notice by announcement in class, on canvas and/or email) Virtual Zoom meeting In person meeting No meeting- turn in on Canvas

		Course Content (Assignments, Quizzes, Skills Test)	
1	1/26	W	Welcome Syllabus Review, Liability form & Q/A
2	1/31	М	Introduction of safety during physical activity + Components of strength training (Dynamic warm up, movement patterns, and types of modalities etc.)
	2/2	W	Baseline Skills Test #1 (Plank, T-Hold)
			Quiz 1 on Canvas due Friday (2/4)
	2/7	М	Injury prevention & Foundations of Core Pillaring
3	2/9	W	Variations of Core Training
4	2/14	М	Types of muscular contractions
4	2/16	W	Breathing
_	2/21	М	Core Skills Test #2 (Supine, Side, Carry)
5	2/23	W	Lower body -Hip Dominant Movements (Hinge)
6	2/28	М	Continued Lower body
	3/1	W	Lower body- Knee dominate Movements (Squat, lunge)
7	3/7	М	Continued Lower body
	3/9	W	Lower body Skills Test #3 (Deadlift, Squat)
8	3/14	М	Upper body- Push v. Pull
0	3/16	W	Upper body Training
9	3/21	М	Upper body Training
9	3/23	W	Upper body Skills Test #4 (Vertical push/pull, horizontal push/pull)
			Quiz 2 on Canvas due Friday (3/25)

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10	3/28	М	Spring Recess- NO CLASS
	3/30	W	Spring Recess- NO CLASS
11	4/4	М	Full body review of exercises and practice. Understanding Periodization & Progressive Overload
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	4/6	W	Progression and modifications
			Soreness & Signs of overtraining, Start of Program- Push/Pull Hinge
			Training Log Draft uploaded to Canvas due Friday (4/8)
40	4/11	М	Mobility v. Flexibility, Recovery & Accessory Muscles
12	4/13	W	Push/Pull Single leg
40	4/18	М	Hydration Post on Canvas – NO CLASS
13	4/20	W	Push/Pull Hinge
			Quiz 3 on Canvas due Friday (4/22)
	4/25	М	Q&A Final Training Program Via Zoom
14	4/27	W	Push/Pull Squat
15	5/2	М	Push/Pull Single Leg
	5/4	W	Baseline Skills Retest #5 (Plank, T-Hold)
			Training Log Final uploaded to Canvas due Friday (5/6)
16	5/9	М	Push/Pull Hinge
	5/11	W	Push/Pull Squat
	5/11 5/16	W M	Push/Pull Squat Skills Test Make up on Canvas