

KFIT 15.1 Course Outline as of Fall 2024

CATALOG INFORMATION

Dept and Nbr: KFIT 15.1 Title: PERSONAL FIT ACTIVITIES
Full Title: Personal Fitness Activities
Last Reviewed: 8/28/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	1.50	Lab Scheduled	3.00	6	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 26.25

Total Student Learning Hours: 78.75

Title 5 Category: AA Degree Applicable
Grading: Grade or P/NP
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:
Formerly:

Catalog Description:
Students will experience personal program development and practice in all components of physical fitness including cardiovascular conditioning, muscular strength and endurance, flexibility, and body conditioning.

Prerequisites/Corequisites:

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: Students will experience personal program development and practice in all components of physical fitness including cardiovascular conditioning, muscular strength and endurance, flexibility, and body conditioning. (Grade or P/NP)
Prerequisites/Corequisites:
Recommended:
Limits on Enrollment:

Transfer Credit: CSU;UC.

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:

IGETC:	Transfer Area	Effective:	Inactive:
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CSU Transfer:	Transferable	Effective:	Fall 2017	Inactive:
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UC Transfer:	Transferable	Effective:	Fall 2017	Inactive:
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CID:

Certificate/Major Applicable:

Both Certificate and Major Applicable

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Develop and execute an individual fitness program based on goals, personal assessments, and proper exercise guidelines utilizing a personal fitness program tracker.
2. Integrate healthy eating strategies into personalized fitness program to help meet personal goals.

Objectives:

At the conclusion of this course, the student should be able to:

1. Demonstrate correct use of a fitness tracker to track activity throughout the course.
2. Assess individual fitness level through at-home fitness tests.
3. Calculate resting, target, and maximum heart rates and rate of perceived exertion (RPE).
4. Develop personal goals based on results of fitness tests.
5. Develop a personalized fitness program based on personal goals.
6. Demonstrate ability to regress and progress exercises.
7. Demonstrate proper exercise guidelines for safety and injury prevention.
8. Demonstrate basic components of a workout including a warm-up, cardio-respiratory endurance, muscular endurance, flexibility, and cool-down.
9. Record and report frequency, intensity, duration, and type of activities performed.
10. Define components of physical fitness.
11. Explain guidelines for healthy eating and weight management.

Topics and Scope:

- I. Selection and Use of Fitness Program Tracker or Time Lapse Videos
 - A. Introduction to tracker options
 - B. Selecting tracker program based on exercise plan
 - C. Reporting logs and measurements online
 - D. Technical support
 - E. Timelapse videos

II. Physical Fitness Testing

- A. Step test
- B. Push-up test
- C. Curl-up test
- D. Squat test
- E. Sit and reach test
- F. Vertical jump test

III. Heart Rate and RPE calculations

- A. Pulse palpation
- B. 60-second, 30-second, and 10-second heart rate calculations at rest, during, and after exercising
- C. Age-predicted maximum heart rate equation for estimating exercise heart rates
- D. Heart-rate reserve formula for estimating exercise heart rates
- E. RPE scale
- F. Talk test

IV. Personal Goal Development

- A. Choosing a realistic goal
- B. Specific Measurable Action-Based Realistic Time-Bound (SMART) goal format
- C. Planning progressive weekly, monthly, and 3-month goals
- D. Determining readiness to change
- E. Identifying individualized motivation for a goal
- F. Writing a goal contract

V. Personalized Fitness Program Development

- A. Applying fitness test results
- B. American College of Sports Medicine (ACSM) exercise guidelines and recommendations
- C. Designing your exercise program
- D. Specificity principle
- E. Progressive overload principle
- F. Frequency Intensity Time Type (FITT) principle
- G. Recovery
- H. Time management
- I. Individual exercise preferences

VI. Leveled Exercise Regressions and Progressions

- A. Regressions for cardiorespiratory, muscular endurance, and flexibility exercises
- B. Progressions for cardiorespiratory, muscular endurance, and flexibility exercises
- C. Determining level of exercise to select

VII. Safety and Injury Prevention Guidelines

- A. Pre-participation health screening
- B. Warning signs to stop exercising
- C. Prevention and care of common exercise injuries

VIII. Components of a Workout

- A. Warm-up
- B. Cardiorespiratory component
- C. Muscular endurance component
- D. Flexibility component
- E. Cool-down

IX. Recording and Reporting Workout Activities

- A. Using a workout log to record and report exercise activities
- B. Using technology to record and report exercise activities
- C. Reporting frequency, intensity, duration, type of cardiorespiratory exercises
- D. Reporting frequency, intensity, duration, type of muscular endurance exercises
- E. Reporting frequency, intensity, duration, type of flexibility exercises

X. Components of Physical Fitness

- A. Cardiorespiratory endurance
- B. Muscular endurance
- C. Muscular strength
- D. Flexibility
- E. Body Composition
- F. Neuromotor exercise
- G. Activity-specific skills

XI. Healthy Eating Guidelines

- A. MyPlate
- B. Dietary Guidelines for Americans
- C. Nutrition Facts Label
- D. Macronutrients
- E. Vitamins, minerals, and dietary supplements
- F. Nutrition needs before, during, after exercise activities

XII. Weight Management Guidelines

- A. Energy balance
- B. Factors influencing body composition
- C. The role of exercise in weight management
- D. Weight management lifestyle
- E. Weight loss strategies
- F. Body image and disordered eating

Assignment:

1. Fitness testing and assessments
2. Target heart rate calculation assignment
3. Short-term and long-term goal setting
4. Develop a personalized fitness program
5. Healthy eating and weight management plan
6. Exercise journals
7. Exams/quizzes
8. Participation tracked by fitness tracker reports or time lapse videos
9. Discussions on health-related topics
10. Exercise technique demonstration videos

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Goal setting; personal fitness program; healthy eating/weight management plan; exercise journals

Writing
10 - 40%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Fitness testing and assessment; target heart rate calculation assignment

Problem solving
5 - 15%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Exercise technique demonstration videos

Skill Demonstrations
0 - 10%

Exams: All forms of formal testing, other than skill performance exams.

Exams/quizzes

Exams
20 - 30%

Other: Includes any assessment tools that do not logically fit into the above categories.

Fitness tracker reports or time lapse videos; discussions on health-related topics; participation and attendance

Other Category
30 - 50%

Representative Textbooks and Materials:

Total Fitness and Wellness. 8th ed. Powers and Dodd. Pearson Publishing. 2020.

Instructor prepared materials