

KFIT 10.1 Course Outline as of Fall 2021**CATALOG INFORMATION**

Dept and Nbr: KFIT 10.1 Title: RESISTANCE TRAINING

Full Title: Resistance Training

Last Reviewed: 3/9/2020

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:

This course utilizes muscular strength and endurance training using a variety of modalities and equipment including but not limited to: machines, free weights, bars, exercise tubes, medicine balls, body weight, stability balls, and cables.

Prerequisites/Corequisites:**Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: This course utilizes muscular strength and endurance training using a variety of modalities and equipment including but not limited to: machines, free weights, bars, exercise tubes, medicine balls, body weight, stability balls, and cables. (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 2013	Inactive:
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UC Transfer:	Transferable	Effective:	Fall 2013	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. Demonstrate proper techniques to safely and successfully engage in resistance training activities
2. Create and implement a progressive resistance training program incorporating a variety of equipment based on individual fitness level and goals

Objectives:

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

1. Identify basic musculo-skeletal anatomy and muscle actions
2. Demonstrate proper form and technique in use of all resistance training equipment
3. Explain the use of specific muscle groups in relation to various resistance exercises
4. Construct an individual resistance training plan
5. Create short and long term fitness goals
6. Assess personal fitness level
7. Explain proper safety considerations in resistance training
8. Explain modifications, progressions, and regressions for resistance training exercises

Topics and Scope:

I. Basic Musculo-Skeletal Anatomy

II. Orientation to Equipment

A. Machines

B. Free weights

C. Stability balls

D. Medicine balls

E. Exercise bands and tubes

F. Bars

G. Cables

III. Proper Body Mechanics, Technique, Form and Safety Considerations for Resistance Exercises

IV. Types of Muscular Actions

- A. Concentric
- B. Eccentric
- C. Isometric
- D. Isotonic

V. Fitness Assessment

- A. Baseline
- B. Post-test

VI. Program Design Based on Fitness Level and Goals

- A. Body fat reduction
- B. Increasing lean body mass (muscle)
- C. Sport specific performance
- D. Muscular strength and endurance

VII. Appropriate Modifications and Progressions Based on Fitness Level

VIII. Core Training Exercises

Assignment:

Students are expected to spend an additional one and one-half hours per week outside of class completing one or more of the following assignments:

1. Short term and long term goal setting (2 - 4 per semester, 1 - 2 pages each)
2. Development of a resistance training program
3. Fitness assessments
4. Exam(s) or quiz(zes) (1 - 3)
5. Performance exam(s) (1 - 3)
6. Fitness journal (1 entry per week)
7. One to two hours of exercise outside of class per week

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.

Short term and long term goals, fitness journal/record

Writing
5 - 25%

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

Resistance Training Program Design

Problem solving
5 - 25%

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

Performance exams, fitness assessments

Skill Demonstrations
5 - 25%

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

Exam(s), Quiz(zes)

Exams
15 - 30%

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

Participation and attendance, outside exercise

Other Category
40 - 60%

Representative Textbooks and Materials:

Fitness Illustrated. Sharkey, Brian. Human Kinetics. 2011 (classic)
Instructor prepared materials