KFIT 10.1 Course Outline as of Fall 2016

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	N	lbr 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:

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree: CSU GE:	Area Transfer Area		Effective: Effective:	Inactive: Inactive:	
IGETC:	Transfer Area		Effective:	Inactive:	
CSU Transfer:	Transferable	Effective:	Fall 2013	Inactive:	
UC Transfer:	Transferable	Effective:	Fall 2013	Inactive:	

CID:

Certificate/Major Applicable:

Major Applicable Course

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:

- 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 individualed 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:

- 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. 1-3 exams or quizzes
- 5. Performance exam(s)(1 3)
- 6. Fitness journal (1 entry per week)
- 7. 1-2 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

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

Resistance Training Program Design

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

Performance exams, fitness assessments

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

Exams, Quizzes

Writing 5 - 25%

Problem solving 5 - 25%





Participation and attendance, outside exercise

Representative Textbooks and Materials: Fitness Illustrated, 1st Edition. Brian Sharkey. Human Kinetics: 2011 Instructor prepared materials

Other Category 40 - 60%