

CATALOG INFORMATION

Dept and Nbr: KFIT 7.2

Title: INTER CIRCUIT TRAINING

Full Title: Circuit Training Intermediate

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: 0.00

Total Student Learning Hours: 52.50

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:**  
Intermediate circuit training for the purpose of improving muscular strength and fitness. In addition to various circuit training techniques, this class may also include cardiovascular and core workouts.

**Prerequisites/Corequisites:**

**Recommended Preparation:**

**Limits on Enrollment:**

**Schedule of Classes Information:**  
Description: Intermediate circuit training for the purpose of improving muscular strength and fitness. In addition to various circuit training techniques, this class may also include cardiovascular and core workouts. (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:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Transferable	Effective:	Fall 2013	Inactive:
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<b>UC Transfer:</b>	Transferable	Effective:	Fall 2013	Inactive:
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**CID:**

**Certificate/Major Applicable:**

Major Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

1. Explain biomechanics and anatomical movement principles related to intermediate level circuit training exercise.
2. Describe various types of circuit training programs and their benefits.
3. Perform intermediate level circuit training exercises with proper form, kinesthetic awareness, and proprioception.
4. Describe the types of muscle actions matched to specific circuit training exercises.
5. Perform personalized fitness assessment and create goals based on results.
6. Assess appropriate heart rate for an intermediate circuit training workout.
7. Describe modification and progressions for intermediate circuit training exercises.
8. Create a personalized program based on intermediate fitness level.

### **Topics and Scope:**

- I. Basic musculo-skeletal anatomy
- II. General circuit training principles
  - A. Orientation to equipment
    1. Machines
    2. Free weights
    3. Bands
    4. Cardiovascular exercises
    5. Stability balls
    6. Pully
  - B. Safety considerations for circuit training exercises
  - C. Technique, form, proprioception, and kinesthetic awareness
  - D. Circuit station programs and design
    1. Planned rotation of exercises
    2. Timed intervals
    3. Exercise
    4. Rest

5. Alternating cardio and muscular endurance stations
  6. Tabata protocol
  7. HIIT (High Intensity Interval Training)
  8. Proper use and selection of a variety of fitness equipment
- III. Types of muscular contraction
- A. Concentric
  - B. Eccentric
  - C. Isometric
  - D. Isotonic
- IV. Circuit training benefits
- A. Cardiovascular endurance
  - B. Muscular endurance
  - C. Muscular Strength
  - D. Body Composition
- V. Fitness assessment and intermediate level goals
- A. Baseline
  - B. Post-test
- VI. Heart rate
- A. Resting heart rate
  - B. Target heart rate
- VII. Appropriate modifications and progressions based on fitness level
- Optional Topics:
- I. Core Training
  - II. Basic nutritional concepts
    - A. Healthy Eating
    - B. Pre and post workout meals
    - C. Critical evaluation of diets and supplements

### **Assignment:**

1. Written quizzes on basic musculo-skeletal identification
2. Calculate body composition
3. Strength testing
4. General warm up exercises, abdominal exercises and stretches
5. Circuit training exercises with machines
6. Write a personal, individualized circuit training program
7. Written report on a weight-training related topic and/or maintaining a workout journal
8. Objective exams: Multiple choice, true/false, and short answer
9. Performance of exercises 1 hour per week per unit in addition to regularly scheduled class meetings

### **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.

Individualized workout program, weight training report
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Writing 10 - 20%
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**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving  
0 - 0%

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

Class performance and performance exams

Skill Demonstrations  
20 - 30%

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

Quizzes, multiple choice, true/false, and short answer

Exams  
20 - 30%

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

Participation

Other Category  
40 - 50%

**Representative Textbooks and Materials:**

Delavier, Frederic - Strengthening Training Anatomy - 3rd Edition  
Human Kinetics, 2010