

**PHYED 28.2 Course Outline as of Spring 2011****CATALOG INFORMATION**

Dept and Nbr: PHYED 28.2 Title: STEP AEROBICS - INTER.

Full Title: Intermediate Step Aerobics

Last Reviewed: 4/27/2020

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	1.00	Lab Scheduled	4.00	3	Lab Scheduled	70.00
		Contact DHR	0		Contact DHR	0
		Contact Total	4.00		Contact Total	70.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 70.00

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 22 - 4 Times in any Comb of Levels

Also Listed As:

Formerly: PE 8.2

**Catalog Description:**

The focus of this course is Intermediate Step Training, an aerobic activity incorporating a platform, designed to increase cardiovascular/respiratory fitness and improve muscular strength and endurance. Intermediate step patterns and movement combinations choreographed to music will be presented. Activities may include other forms of aerobic exercise, resistance/core training, static stretching, and relaxation.

**Prerequisites/Corequisites:****Recommended Preparation:**

Course Completion of KFIT 2.1 ( or PHYED 28.1 or PE 8.1)

**Limits on Enrollment:****Schedule of Classes Information:**

Description: The focus of this course is Intermediate Step Training, an aerobic activity incorporating a platform, designed to increase cardiovascular/respiratory fitness and improve muscular strength and endurance. Intermediate step patterns and movement combinations choreographed to music will be presented. Activities may include other forms of aerobic

exercise, resistance/core training, static stretching, and relaxation. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended: Course Completion of KFIT 2.1 ( or PHYED 28.1 or PE 8.1)

Limits on Enrollment:

Transfer Credit: CSU;UC.

Repeatability: 4 Times in any Comb of Levels

## **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:
<b>CSU Transfer:</b>	Transferable	Effective: Fall 1997	Inactive:
<b>UC Transfer:</b>	Transferable	Effective: Fall 1997	Inactive:

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

**Outcomes and Objectives:**

Upon completion of this course, student will be able to:

1. Define and explain basic principles of physical fitness.
2. Assess perceived levels of exertion during aerobic activities.
3. Calculate and monitor exercise heart rate.
4. Perform safe and continuous intermediate level step patterns choreographed to music for 20-45 minutes.
5. Demonstrate knowledge of basic and intermediate step patterns by responding to cueing by the instructor.
6. Perform safe and effective strengthening exercises.
7. Perform static stretches related to working muscles involved in bench stepping and strengthening exercises.
8. Identify working muscles by name and identify exercises that use that muscle or muscle group.
9. Discuss basic nutritional concepts relevant to aerobic exercise.
10. Repeating students must demonstrate increased depth and breadth of related skills, with new learning objectives.

**Topics and Scope:**

I. Physical Activity

- A. Warm-up
- B. Aerobic exercise (continuous exercise for 20-45 minutes performed at intermediate level exercise heart rate)
- C. Intermediate level muscular endurance exercises

1. Floor exercise
2. Resistance training
  - a. bands and exercise tubing
  - b. free weights
  - c. stability balls
- D. Cool down segment
  1. Aerobic cool down
  2. Static stretching
  3. Relaxation exercises
- II. Principles of Physical Fitness
  - A. Cardiovascular endurance
  - B. Muscular Strength and Endurance
  - C. Flexibility
  - D. Body Composition
- III. Methods of measuring aerobic exercise intensity
  1. Heart rate calculation
  2. Perceived level of exertion
  3. The "talk test"
- IV. Physiological and psychological benefits of aerobic exercise
- V. Review of major muscle groups and identify exercises for each muscle or muscle group.
- VI. Basic nutritional concepts as they relate to aerobic exercise
- VII. Intermediate Level Step Patterns
  - A. Step combinations: Basic through intermediate level (i.e. more complex and strenuous than "basic")
  - B. Basic through intermediate step terminology and understanding instructor cues
- VIII. Repeating students must demonstrate increased depth and breadth of related skills, with new learning objectives.

### **Assignment:**

Representative assignments:

1. Calculate exercise heart rate and body composition
2. "Pre" and "Post" Fitness assessments
3. Perform aerobic exercise 1 to 2 hours per week in addition to regularly scheduled class meetings
4. Practice basic through intermediate step patterns, strengthening and stretching exercises
5. Writing: 1-3 reports, step choreography notation, and/or journal
6. Choreograph intermediate level step patterns (Intermediate = greater complexity and more strenuous than basic patterns)
7. Taking 1 to 3 objective quizzes, midterm, final
8. Design a personal exercise program
9. Repeating students must demonstrate increased depth and breadth of related skills, with new learning objectives.

### **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.

1-3 pages of reports, journals, personal exercise program, choreography pattern

Writing  
5 - 10%

**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 performances, performance exams, fitness assessments, choreography performance

Skill Demonstrations  
10 - 20%

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

Quizzes/Exams: Multiple choice, True/false, Matching items, Short answer and Essay

Exams  
20 - 40%

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

Participation

Other Category  
40 - 60%

**Representative Textbooks and Materials:**

Instructor prepared materials