

Lecture Contact Hours: 16-18; Outside-of-Class Hours: 32-36;
Laboratory Contact Hours: 16-18; Outside-of-Class Hours: 0;
Total Student Learning Hours: 64-72

CUYAMACA COLLEGE
COURSE OUTLINE OF RECORD

Exercise Science 009A – Beginning Cardio Dance Exercise

1 hour lecture, 1 unit
1 hour laboratory, 0 units
Total units: 1 unit

Catalog Description

Introduction to cardio dance exercise fitness through rhythmic movement to condition the musculoskeletal and cardiorespiratory systems. Emphasis is placed on enhancing cardiovascular endurance, muscular endurance, and flexibility through assessment and monitoring. Students will also explore principles of fitness and wellness, along with related health topics to support lifelong health and well-being.

Prerequisite

None

Course Content

- 1) Exercises to music emphasizing improvement in cardiovascular endurance, flexibility, muscular strength, muscular endurance, and body composition.
- 2) Lecture and discussion on relevant topics including the principles of physical fitness, conditioning, nutrition, exercise safety, and other factors critical to health and wellness.
- 3) Assessment of physical fitness and wellness.

Course Objectives

Students will be able to:

- 1) Describe how principles learned in class may be applied to improve the five basic parameters of fitness: cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition.
- 2) Demonstrate combinations of basic movement patterns and exercises to music.
- 3) Design and demonstrate an appropriate training routine to include warm-up, interval training for cardiovascular endurance, resistance training, and cool-down.
- 4) Achieve and monitor (during class) the necessary intensity of exercise to produce improvements in all physical fitness parameters.
- 5) Describe the relationship between physical fitness and lifelong health and well-being, and explain how this relationship applies to personal health and wellness goals.

Method of Evaluation

A grading system will be established by the instructor and implemented uniformly. Grades will be based on demonstrated proficiency in subject matter determined by multiple measurements for evaluation, one of which must be written essay exams, skills demonstration or, where appropriate, the symbol system.

- 1) Quizzes and exams that measure students' ability to identify, explain, describe and/or provide examples of fitness principles and strategies that can improve health and well-being.
- 2) Objective skills testing that measures students' proficiency and improvement in performing basic movement combinations to music, and in demonstrating an appropriately designed training routine that allows students to maintain an adequate intensity level.
- 3) Objective fitness assessment, such as heart rate recovery, submaximal heart rate tests or field

performance measures to evaluate personal fitness improvements.

Special Materials Required of Student

Appropriate exercise clothing, supportive shoes, towel, water

Minimum Instructional Facilities

Large exercise room, modern sound system

Method of Instruction

- 1) Lecture and discussion
- 2) Demonstration
- 3) Practice and participation
- 4) Research assignments

Out-of-Class Assignments

- 1) **Reading:** review course materials, articles, digital references, and other multimedia.
- 2) **Writing:** assignments identifying, explaining, describing and/or providing examples of fitness principles and strategies that can improve health and well-being; goals paper, and more.
- 3) **Other:** N/A.

Texts and References

- 1) Required (representative example): Bowman, K. (2024). My Perfect Movement Plan: The Move Your DNA All Day Workbook. Uphill Books.
- 2) Supplemental: None

Exit Skills

Students having successfully completed this course exit with the following skills, competencies and/or knowledge:

- 1) Demonstrate a complete workout routine including warm-up, cardio-based interval training, resistance or bodyweight conditioning, and cool-down.
- 2) Monitor and adjust exercise intensity using appropriate measures such as heart rate and RPE.
- 3) Record and interpret personal fitness assessments to track changes.

Student Learning Outcomes

Upon successful completion of this course, students will be able to:

- 1) Design and perform a structured cardiovascular training routine that incorporates dance, conditioning, and appropriate warm-up and cool-down strategies at the beginning level.
- 2) Describe and apply methods of fitness intensity monitoring.
- 3) Evaluate personal fitness progress through interpretation of objective fitness assessments results and apply findings to individual health and wellness goals at a beginning level.