Term Information

Effective Term: Spring 2013
Previous Value: Summer 2012

Course Change Information

What change is being proposed? (If more than one, what changes are being proposed?)
Addition of laboratory sections.

What is the rationale for the proposed change(s)?
Under the quarter system, 414 and 514 (now 3414) had separate labs that students were required to take concurrently. We designed 3414 to include labs as part of the course but this was not indicated when 3414 was submitted originally. This course change request is simply a clerical correction.

What are the programmatic implications of the proposed change(s)?
(e.g. program requirements to be added or removed, changes to be made in available resources, effect on other programs that use the course)?
None - including a lab as part of 3414 was always our intention and corresponding resources and scheduling have already been made. Content topics of labs correspond to course topics.

Is approval of the request contingent upon the approval of other course or curricular program request?
No

Is this a request to withdraw the course?
No

General Information

Course Bulletin Listing/Subject Area: Education:Phys Actvty & Ed Svc
Fiscal Unit/Academic Org: Schl of Phys Act & Educ Serv - D1270
College/Academic Group: Education & Human Ecology
Level/Career: Undergraduate
Course Number/Catalog: 3414
Course Title: Applied Exercise Physiology
Transcript Abbreviation: Applied Ex Phys
Course Description: Examines the primary human physiological systems and their response to acute and chronic exercise stimuli.
Semester Credit Hours/Units: Fixed: 4

Offering Information

Length Of Course: 14 Week
Flexibly Scheduled Course: Never
Does any section of this course have a distance education component?
Yes
Grading Basis: Letter Grade
Repeatable: No
Course Components: Laboratory, Lecture
Previous Value: Lecture
Grade Roster Component: Lecture
Credit Available by Exam: No
Admission Condition Course: No
Off Campus: Never
Campus of Offering: Columbus
Prerequisites and Exclusions

Prerequisites/Corequisites

Exclusions
Not open to students with credit for 414 or 514.

Cross-Listings

Subject/CIP Code
Subject/CIP Code 36.0108
Subsidy Level Baccalaureate Course
Intended Rank Junior, Senior

Quarters to Semesters

Quarters to Semesters Semester equivalent of a quarter course sequence (e.g., a 3-quarter sequence becomes a 2-semester sequence, a 2-quarter sequence becomes a 2-semester sequence, a 2-quarter sequence becomes a 1-semester course)

List the current and proposed sequences by number and title EduPAES 414: Intro to Exercise Physiology 1; EduPAES 514: Intro to Exercise Physiology 2.

Requirement/Elective Designation

Required for this unit’s degrees, majors, and/or minors

Course Details

Course goals or learning objectives/outcomes

Content Topic List

• How carbohydrates and lipids are metabolized in the human body;
• The influence of endurance training upon carbohydrate and lipid metabolism;
• Training strategies to optimize aerobic and anaerobic power development;
• Gas exchange in the human body
• The structure and function of the cardiovascular system and how it is influenced by aerobic
• Response of the skeletal muscle system to various resistance training protocols;
• Response of the human body to ergogenic aids and their influence on human performance;
• Response of the human body to various environmental stressors;
• Role of the endocrine system in the regulation of metabolism and energy utilization;
• Role of exercise and physical activity as a remedy for obesity and diabetes;
• Influence of exercise and physical activity on the aging process.
COURSE CHANGE REQUEST
3414 - Status: PENDING

Last Updated: Wheaton, Joe Edward
07/26/2012

Attachments

Comments

Workflow Information

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