

NEW COURSE PROPOSAL

DATE

OCTOBER 9, 2012; REV 10.31.12

PROGRAM AREA(S)

PHED

1. Course Information.

Prefix(es) (Add additional prefixes if cross-listed) and Course No. PHED 107

Title: SCUBA DIVING Units: 1

Prerequisites 0

Corequisites 0

Consent of Instructor Required for Enrollment

Catalog Description: Through a series of lectures and activities students will be introduced to the world of SCUBA Diving. The course will not be a certification course, rather an introductory course that outlines the safety, equipment and skills necessary for diving. Students will have a hands on experience and discover the undersea world, within the Channel Islands Harbor.

Grading Scheme:

A-F Grades

X Credit/No Credit

Optional (Student Choice)

Repeatability:

Repeatable for a maximum of units

Total Completions Allowed 1

Multiple Enrollment in Same Semester

Course Level Information:

X Undergraduate

Post-Baccalaureate/Credential

Graduate

Mode of Instruction/Components (Hours per Unit are defaulted).

	Units	Hours per Unit	Benchmark Enrollment	Graded Component	CS & HEGIS # (Filled in by the Dean)
Lecture		1			
Seminar		1			
Laboratory		3			
Activity	1	2	20	X	
Field Studies					
Indep Study					
Other Blank					

Leave the following hours per week areas blank. The hours per week will be filled out for you.

Two hours activity per week

hours blank per week

Is this course always delivered online? Yes_____ No_____

2. Course Attributes:

General Education Categories: All courses with GE category notations (including deletions) must be submitted to the GE website: <http://summit.csuci.edu/geapproval>. Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.

A (English Language, Communication, Critical Thinking)

A-1 Oral Communication

A-2 English Writing

A-3 Critical Thinking

B (Mathematics, Sciences & Technology)

B-1 Physical Sciences

B-2 Life Sciences – Biology

B-3 Mathematics – Mathematics and Applications

B-4 Computers and Information Technology

C (Fine Arts, Literature, Languages & Cultures)

C-1 Art
C-2 Literature Courses
C-3a Language
C-3b Multicultural

D (Social Perspectives)

E (Human Psychological and Physiological Perspectives)

UDIGE/INTD Interdisciplinary

Meets University Writing Requirement

Meets University Language Requirement

American Institutions, Title V Section 40404: ☐ Government ☐ US Constitution ☐ US History

Refer to website, Exec Order 405, for more information: <http://senate.csuci.edu/comm/curriculum/resources.htm>

☐ **Service Learning Course** (Approval from the Center for Community Engagement must be received before you can request this course attribute).

3. Justification and Requirements for the Course. (Make a brief statement to justify the need for the course)

A. Justification: This course will complete a trilogy of three ocean activities-based courses, PHED 105 Zen of Surfing (which has been offered since 2002 and is always filled), the proposed courses: PHED 106 Sailing, and PHED 107 Scuba Diving. Now that the University operates a boating and safety/aquatic center at the Channel Islands Harbor, this course fulfills many needs. Living along the California coastline we have access to some of the best ocean diving in the world. The channel Islands offer some of the most pristine and protected mid pacific santuaris in exsistance. Diving classes will compliment the university mission, and can benefit many of the program majors, such as ESRM, Biology, and the sciences, as well as recreational needs. Diving gives access to the 75% of the world that we live on, we are in fact a water planet.

B. Degree Requirement:

☐ Requirement for the Major/Minor
☐ Elective for the Major/Minor
☒ Free Elective

Note: Submit Program Modification if this course changes your program.

4. Student Learning Outcomes. List in numerical order. Please refer to the Curriculum Committee's "Learning Outcomes" guideline for measurable outcomes that reflect elements of Bloom's Taxonomy:

<http://senate.csuci.edu/comm/curriculum/resources.htm>. The committee recommends 4 to 8 student learning outcomes, unless governed by an external agency (e.g., Nursing).

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

- Learn and apply use of dive gear and equipment
- Identify the different parts of the SCUBA system
- Demonstrate safe diving practices
- Appraise and judge safe diving conditions
- Discuss the physics and physical components of diving
- Identify and explain the dive tables and their use

5. Course Content in Outline Form. *[Be as brief as possible, but use as much space as necessary]*

- Introduction to PADI, NAUI, Scuba Diving
- The Underwater World, Dive Equipment, Scuba Systems, Buddy System, Confined Water Diver Preview
- Adapting to the Underwater World, Respiration, Dive Equipment, etc.
- The Dive Environment, Dive Planning, Boat Diving, etc.
- Dive Accessories, Health for Diving, Breathing Air at Depth, etc.
- Special Dive Table and Computer Procedures, Using a Dive Computer, etc.
- Swimming Skills; 10-minute float/tread; 200 yds. swim

- Snorkel Skills
- Initial Scuba Skills
- Dive Safety & Etiquette
- Rescue & Safety Skills
- Confined Water Problem Solving
- Diving Sciences: Physics
- Diving Sciences: Physiology
- Dive Tables: General Rules, Tables One and Two
- Diving Safety & Etiquette; out of air options
- Dive Tables: Table Three and Repetitive Dives
- Dive Planning and Recording, Decompression and Dive Computers
- Final Written Exam & Review 100Q's; Multiple Choice
- Final Scuba Skills in water

Does this course content overlap with a course offered in your academic program? **Yes** ☐ **No** ☒

If YES, what course(s) and provide a justification of the overlap.

Does this course content overlap a course offered in another academic area? **Yes** ☐ **No** ☒

If YES, what course(s) and provide a justification of the overlap.

Overlapping courses require Chairs' signatures.

6. Cross-listed Courses *(Please note each prefix in item No. 1)*

A. List Cross-listed Courses (Signature of Academic Chair(s) of the other academic area(s) is required).

List each cross-listed prefix for the course:

B. Program responsible for staffing: PHED -- Note: Since there is no official program in PHED, funding for this course will come from the AVP office of Arts and Sciences. Staffing will be coordinated with programs that currently have faculty qualified to teach this course.

7. References. *[Provide 3 - 5 references]*

Carroll, Susan, Peter Oliver, and Mike Williams. *NAUI Scuba Diver*. [Montclair, CA]: National Association of Underwater Instructors, 2000. Print.

Graver, Dennis. *Scuba Diving*. 3. Ed. Champaign: Human Kinetics, 2003. Print.

"Scuba Diving - 4th Edition [Paperback]." *Scuba Diving*. N.p., n.d.

Roberts, Fred M., and Eugene V. Connett. *Basic Scuba; Self-contained Underwater Breathing Apparatus*. Princeton, N. J.: Van Nostrand, 1963. Print.

8. Tenure Track Faculty Qualified to Teach This Course.

Matthew Furmanski, Associate Professor, Sean Anderson, Associate Professor

9. Requested Effective Date:

First semester offered: Fall 2013

10. New Resources Requested. Yes ☐ No ☒

If YES, list the resources needed.

A. Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)

☐

B. Library Needs (streaming media, video hosting, databases, exhibit space, etc.)

☐

C. Facility/Space/Transportation Needs

☐

D. Lab Fee Requested (please refer to Dean's Office for additional processing) Yes ☐ No ☒

E. Other

☐

11. Will this new course alter any degree, credential, certificate, or minor in your program? Yes ☐ No ☒

If, YES attach a program update or program modification form for all programs affected.

Priority deadline for New Minors and Programs: **October 1, 2012** of preceding year.

Priority deadline for Course Proposals and Modifications: **October 15, 2012**, of preceding year.

Last day to submit forms to be considered during the current academic year: **April 15th**.

Matthew Furmanski, Associate Professor

October 11, 2012

Proposer of Course (Type in name. Signatures will be collected after Curriculum approval)

Date

Approval Sheet

Program/Course: PHED 107 Scuba Diving

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

The CI program review process includes a report from the respective department/program on its progress toward accessibility requirement compliance. By signing below, I acknowledge the importance of incorporating accessibility in course design.

Program Chair Jack Reilly		10-15-2012
	Signature	Date
Program Chair		
	Signature	Date
Program Chair		
	Signature	Date
General Education Chair		
	Signature	Date
Center for International Affairs Director		
	Signature	Date
Center for Integrative Studies Director		
	Signature	Date
Center for Multicultural Engagement Director		
	Signature	Date
Center for Civic Engagement Director		
	Signature	Date
Curriculum Chair		
	Signature	Date
AVP		
	Signature	Date