

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

NEW COURSE PROPOSAL

PROGRAM AREAS _____ BIOLOGICAL AND PHYSICAL SCIENCES

- 1. Catalog Description of the Course.** *[Include the course prefix, number, full title, and units. Provide a course narrative including prerequisites and corequisites. If any of the following apply, include in the description: Repeatability (May be repeated to a maximum of ____ units); time distribution (Lecture ____ hours, laboratory ____ hours); non-traditional grading system (Graded CR/NC, ABC/NC). Follow accepted catalog format.]*

PHYS 492 INTERNSHIP (3)

Six hours of activity per week.

Prerequisites: Upper division standing and consent of instructor.

Supervised work and study in industrial or scientific setting involving development of skills related to applied physics. All students are required to present their projects at the Senior Colloquium. Graded CR/NC.

- 2. Mode of Instruction.**

	Units	Hours per Unit	Benchmark Enrollment
Lecture	_____	_____	_____
Seminar	_____	_____	_____
Laboratory	_____	_____	_____
Activity	____3____	____2____	_____

- 3. Justification and Learning Objectives for the Course.** (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements) *[Use as much space as necessary]*

Elective in Physics Minor

The course provides students with the opportunity to augment classroom and laboratory learning with practical application while meeting a specific need within the community. The objectives, goals and standards shall be identified in a contract between the student, faculty advisor and community contact.

Students who successfully complete this course shall have:

- Complied with the terms of the mutually agreed-upon contract
- Gained experience of working in an industrial or scientific setting involving skills in applied physics.
- Articulated in an appropriate format manner the manner in which the objectives of the course were achieved.
- Demonstrated an ability to work collaboratively towards a common goal.

This course is not designed to satisfy the University Writing or Language requirements.

- 4. Is this a General Education Course** **YES** **NO**

If Yes, indicate GE category:

A (English Language, Communication, Critical Thinking)	
B (Mathematics & Sciences)	
C (Fine Arts, Literature, Languages & Cultures)	
D (Social Perspectives)	
E (Human Psychological and Physiological Perspectives)	

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

Supervised work and study in industrial or scientific setting involving development of skills in applied physics.

Project presentation at the Senior Colloquium.

6. References. *[Provide 3 - 5 references on which this course is based and/or support it.]*

Appropriate reference material shall be identified by the student and the faculty mentor.

7. List Faculty Qualified to Teach This Course.

Applied Physics Faculty

8. Frequency.

a. Projected semesters to be offered: Fall X Spring X Summer

9. New Resources Required.

None

10. Consultation.

Attach consultation sheet from all program areas, Library, and others (if necessary)

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

Proposer of Course

Date