

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 497. DIRECTED STUDIES (1-3)

Variable hours per week.

Prerequisite: Senior standing and program approval.

Supervised project involving reading and library research in the field of physics. All students are required to present their projects at the Senior Colloquium.

2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	_____	_____	_____
Seminar	_____	_____	_____
Laboratory	_____	_____	_____
Activity	____1-3_____	____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 Applied Physics Minor

The course fosters the student's initiative, organizational ability, and motivation to learn.

Students who successfully complete this course shall have:

- Complied with the terms of the mutually agreed-upon contract
- Gained experience of independent study within applied physics.
- Demonstrated an ability to identify, analyze and report on a selected research area within applied physics.

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 reading and library research in the field of applied physics. Content will vary by student. 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.

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.

____ Geoff Dougherty _____ 1/8/03 _____
Proposer of Course Date