



SACRAMENTO
STATE

Course Change Proposal Form A



Academic Group (College): Natural Sciences and Mathematics	Academic Organization (Department): Physics and Astronomy	Date: April 14, 2008
Type of Course Proposal: New ___ Change <u>X</u> Deletion ___	Department Chair: Gary Shoemaker	Submitted by: Gary Shoemaker
Does this course fulfill a requirement for single-subject or multiple subject credential students? Yes ___ No <u>X</u>	For Catalog Copy: Yes <u>X</u> No ___ CCE (Extension): Yes ___ No <u>X</u>	Semester Effective: Fall <u>X</u> Spring ___, 2008

This course replaces experimental course Subject Area (prefix) and Catalog Nbr (course number):

Change from:

Subject Area (prefix) & Catalog Nbr (course no.): PHYS 005A	Title: General Physics: Mechanics, Heat, Sound	Units: 4
---	--	--------------------

Change to:

Subject Area (prefix) & Catalog Nbr (course no.): PHYS 005A	Title: General Physics: Mechanics, Heat, Sound	Units: 4
---	--	--------------------

JUSTIFICATION:

A change in modality is proposed that adds one hour of lecture per week, replacing one hour of discussion. This is motivated both by the desire to utilize for one additional hour per week a state-of-the-art lecture hall and to reduce the total number of weighted teaching units required to deliver multiple sections of this course. There is no change being proposed in course content or level.

NEW COURSE DESCRIPTION: (Not to exceed 80 words, and language should conform to catalog copy. See <http://www.csus.edu/acad/univmanual/crspsl.htm> - Guidelines for Catalog Course Description)

PHYS 5A. General Physics: Mechanics, Heat, Sound. Physics 005A-B sequence is a two-semester course in introductory physics in which fundamental concepts are emphasized including some physiological applications. Lecture two hours; discussion one hour; laboratory three hours. **Prerequisite:** Recently completed three years of high school algebra and geometry; and a college course in algebra and trigonometry (MATH 009 recommended) for those having an inadequate mathematics background. **Graded:** Graded Student. **Units:** 4.0.

Note:

Prerequisite:
Enforced at Registration: Yes ___ No X

Corequisite:
Enforced at Registration: Yes ___ No X

CAN (California Articulation Number): N/A

Graded: Letter X Credit/No Credit ___ **Instructor Approval Required?** Yes X No ___

Course Classification (e.g., lecture, lab, seminar, discussion):
Lecture (C-01), Discussion (C-04), Lab (C-16) **Title for CMS (not more than 30 characters):**
Mechanics, Heat, Sound

Cross Listed? Yes ___ No X **If yes, do they meet together and fulfill the same requirement, and what is the other course.**

How Many Times Can This Course be Taken for Credit? 1

Can the course be taken for Credit more than once during the same term? Yes ___ No X

FOR NEW COURSE PROPOSALS OR SUBSTANTIVE CHANGES ONLY:

Description of the Expected Learning Outcomes: Describe outcomes using the following format: "Students will be able to: 1), 2), etc." See the example at <http://www.csus.edu/acaf/example.htm>

No change in Expected Learning Outcomes anticipated.

****Attach a list of the required/recommended course readings and activities [Note: it is understood that these are updated and modified as needed by the instructor(s).] This attachment should be forwarded only to your Dean's office, not Academic Affairs.**

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above:

No change in Assessment Strategies anticipated.

For whom is this course being developed?

Majors in the Dept ___ Majors of other Depts ___ Minors in the Dept ___ General Education ___ Other ___

Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes ___ No ___

If yes, identify program(s):

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? Yes ___ No ___

If yes, attach a description of resources needed and verify that resources are available.

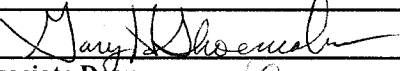
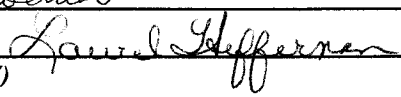
Indicate which department or programs will be affected by the proposed course (if any). _____

The Department Chair's signature below indicates that affected programs have been sent a copy of this proposal form.

Approvals: If proposed change, new course or deletion is approved, sign and date below. If not approved, forward without signing to the next reviewing authority, and attach an explanatory memorandum to the original copy.

Signatures:

Date

Department Chair: 	4/16/08
College Dean or Associate Dean: 	4/17/08
CPSP (for school personnel courses ONLY)	
Associate Vice President and Dean for Academic Programs	

Distribution: Academic Affairs (original), Department Chair and College Dean. Dean's office to send original after approval to Academic Affairs, at mail zip 6016. An electronic copy must also be sent.