

January 26, 2010

To: Prospective PP&T teachers on Oahu

Fr: Arnold Feldman, Associate Professor (Retired), Physics & Astronomy Department

Re: Summer 2010 course for out-of-field teachers.

The Physics, Physiology and Technology program (PP&T) was developed by the Curriculum Research and Development Group (CRDG) of the UH College of Education (COE). It features hands-on conceptual activities in the major areas of physics appropriate for either a ninth/tenth grade physics or physical science course or an eleventh grade physics course. If you are an out-of-field teacher (one who did not major in physics in college) but will be teaching physics or physical science in the 2009/2010 school year then we would like to invite you to participate in our summer program.

It consists of a two-credit course, PHYS 399 - "Individual Work in Advanced Physics: Special Section For Teachers" that is free (we pay the tuition), is recognized by the DOE for professional development and is consistent with the Hawaii Content and Performance Standards (HCPS III).

PHYS 399 will cover velocity and acceleration in straight-line motion, and topics in Newton's three laws of motion, momentum, work, power, energy and simple machines emphasizing hands-on conceptual activities using both analog and digital methods. Much of this material is different from what you may have taken either last year or in previous years if you were in our program. You will have the opportunity to develop and implement research projects suitable for use in your class(es) next year.

Class runs from June 1 -5, 7-10, and 14-16, 2010. No classes on Saturday (the 12th), Sundays, or Kamehameha Day. Teachers will be given time during class to work on their projects. They will practice their presentations online on June 14, present them to the class on June 15 and 16 with class wrap-up and evaluation also on June 16. Thursday, June 17 is the last day to submit all course materials in order to receive credit for PHYS 399.

Oahu teachers will take the course at the DOE Office of Instructional Services located at 475 22nd Ave. You can park in the visitor's parking area at the rear of the building. Parking is free.

All teachers will receive a CD containing the course materials.

If you are interested please complete the enclosed Participant Information Form and return it either electronically or by regular mail. I will then contact you to discuss our program in more detail and answer any questions that you may have.

Hope to see you in the summer. Aloha.

PHYS 399
PARTICIPANT INFORMATION FORM

NAME	_____	HOME PHONE	_____
HOME ADDRESS	_____	CELL PHONE	_____

SCHOOL NAME	_____	SCHOOL PHONE	_____
SCHOOL ADDRESS	_____	FAX NUMBER	_____
	_____	E-MAIL ADDRESS	_____

SCHOOL SUBJECTS TAUGHT FROM 2005-PRESENT (Please include grade levels taught).

EDUCATION BACKGROUND (Include formal classes, workshops and other sessions).

PLEASE RETURN THIS FORM TO:

ARNOLD FELDMAN
UH MANOA – PHYSICS & ASTRONOMY DEPARTMENT
2505 CORREA ROAD
Honolulu, HI 96822
291-8722 (cell) 956-7107 (fax)
email: feldman@hawaii.edu

PLEASE RETURN BY MONDAY, FEBRUARY 15, 2010

