PHYS 170A and 170LA (5 credits total)
Honors General Physics I and Lab Section

Instructor: Dr. Pui K. Lam
Time: MTWF, 9:30-10:20 and Lab: Fri 12:30-3:20
Location: Physical Science 110

This course is designed for highly motivated students with solid math background. It utilizes a studio course format where lectures, hands-on activities, group discussions, and lab sections are merged together to create a coherent, active learning environment.

The class will meet entirely in a lab. Whenever possible, concepts are introduced through hands-on activities (some of the "hands-on" activities are computer based). The course materials are "taught " through a "guided inquiry" method, which utilizes a combination of lectures, hands-on activities, and group discussions.

This course has the same number of contact hours as the regular PHYS 170 and Lab and it covers the same amount of materials. It is not an accelerated course, but the instructional style is different and the number of students in this class is less than that of the regular PHYS 170 class.

The topics for this course are: Mechanics of particles and rigid bodies; wave motion; thermodynamics.
Prerequisites: Math 242 or math 252 (or concurrent). Math 216 may be substituted with consent.

For more information on this course, please contact plam@hawaii.edu (956-2988) or visit http://www2.hawaii.edu/~plam/ph170A

To enroll: Please contact the Honors Program at Sinclair Library 4th Floor to get a phone approval code (http://www.honors.hawaii.edu, phone: 956-8391)

** Note: Anyone signs up for PHYS 170A MUST sign up the Friday afternoon session of the PHYS 170 Lab. Please contact instructor prior to registration if there is schedule conflict. The enrollment will be limited to no more than 20 students.