Experimenting and Teaching in Zero-Gravity

SELECTED TOPICS IN PHYSICS I - 18672
PHYS 441 – 04

For all students, regardless of major. Weightlessness (also called “zero-g” or “microgravity”) provides amazing opportunities for all students — whether in science, education, agriculture, or other majors. One team composed of students from multiple disciplines will actually get to have their experiment fly on the International Space Station. This course provides both scientific and pedagogical content, which will enable students to design experiments and write proposals — valuable experience for future jobs where knowing how to write proposals (e.g., for obtaining grant funding) is so useful for both teachers and scientists. Also get to see — and understand — fascinating demonstrations that are great for illustrating scientific concepts. Experience the fun of real science first-hand!

Term: Spring 2015
Registration Dates: Oct 20, 2014 to Jan 12, 2015
Credit: 3 Credits or Audit
Days/Time: Tue., Thu., 1:30 - 2:45 pm
Where: Science Center 213
Dates: Jan 13 - May 7, 2015
No Prerequisites

Interested students should contact Mrs. Amal Juracka, Room 216 SCS, Tel. 302-857-6509 to register for the course. For more information about course content, contact Dr. Matt Bobrowsky (mbobrowsky@desu.edu).

This course qualifies you to propose an experiment that will be conducted in space. One student team’s experiment WILL FLY ON THE INTERNATIONAL SPACE STATION!