



# UNIVERSITY OF VIRGINIA PROFESSIONAL DEVELOPMENT COURSES

for Physical Science & High School Physics Teachers

## DISTANCE LEARNING GRADUATE COURSES

Course materials are available on the Internet and on CDs mailed to you for home viewing. These courses are useful for certification/licensure, recertification or can lead to a master's degree.

### SPRING 2005 OFFERINGS

**PHYS 606 (3 credits) How Things Work II.** *A course in the practical introduction to physics and science in everyday life focusing on electromagnetic devices, waves, and phenomena. Topics include: electricity, magnetism, electronics, light and optical devices, special materials, radiological devices and nuclear energy. No prerequisites are required.*

website: <http://www.phys.virginia.edu/classes/606.ral5q.spring05/>

**PHYS 641 (3 credits) Physics Pedagogy.** *A graduate credit course on methods of teaching physics. The course explores current ideas about the Nature of Science (NOS), introduces alternative methods of curriculum design and instructional strategies, and teaches new skills for educational technology. This is not a typical physics content course.*

website: <http://www.phys.virginia.edu/classes/641.stt.spring05/>

For more information on this and other distance learning courses or the Master of Arts in Physics Education program

**Email: [PhysicsEducation@virginia.edu](mailto:PhysicsEducation@virginia.edu)**

**Website: [www.k12.phys.virginia.edu](http://www.k12.phys.virginia.edu)**