

To learn more about the Natural Sciences Division outreach opportunities, schools or non-profit organizations should contact:

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Bluegrass Community & Technical College is a comprehensive two-year college offering associate degrees, certificates and diplomas in both academic and technical programs. BCTC has six campus locations on Cooper Drive, Regency Road, and Opportunity Way in Lexington and locations in Danville, Lawrenceburg and Winchester-Clark County, giving students a wide-range of program options and flexibility. To learn more visit: www.bluegrass.kctcs.edu or call 859.246.6200 ext. 56789

Bluegrass Community & Technical College is an equal opportunity employer and educational institution.

A KCTCS Institution.

February 2007



Applications and class schedules are on the web:
www.bluegrass.kctcs.edu

COLLEGE ACCREDITATION

Bluegrass Community and Technical College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; telephone 404-679-4501) to award associate degrees.



SCIENCE RULES



NATURAL SCIENCES
OUTREACH INITIATIVE
BIOLOGY, CHEMISTRY,
ENVIRONMENTAL SCIENCE
TECHNOLOGY, PHYSICS

WOULD YOU LIKE TO BRING AN
ENRICHING SCIENCE PROGRAM TO YOUR
ORGANIZATION? FREE?



KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

Science Rules is a free science outreach program designed to provide hands-on activities and fun demonstrations to promote and support science education. Programs are developed to correspond to the Kentucky Department of Education's Science Core Content and National



Science Education Standards. In addition to the presentation, a list of resources, in class activities and handouts will be made available for each presentation.

This program is provided free of charge to schools and nonprofit organizations as part of the community service initiative of the Bluegrass Community and Technical College's Natural Sciences Division faculty and staff.

Energy Cycles:

This program will allow students to see how the Sun is the driving energy source for the many energy cycles we have on Earth. Hands-on activities and demonstrations will look at these energy cycles and allow participants to see how energy can be transformed from one form to another.

The Circulatory System:

Participants will use microscopes, stethoscopes and preserved organs to explore the parts of the circulatory system and how the heart works as a pump. They will listen to heart sounds, learn to take blood pressure and gain knowledge on common cardiovascular diseases.

The Physics Petting Zoo:

(In collaboration with the University of Kentucky Department of Physics and Astronomy)

This is an opportunity to investigate, in an accessible, highly-interactive way, many physics phenomena: from mechanics and energy to electricity and magnetism to light and optics.

Science is an ever-evolving discipline. Science Rules is an ever-evolving program. We are committed to continually looking to new and better ways to bring science topics out of the college and into the community. Working with you and receiving feedback from our



visits will allow us to improve our service and continue to provide engaging, age-appropriate science programs.

If you have other ideas for materials you would like presented, please let us know. The Natural Sciences faculty would be happy to discuss a range of science topics with you.