

## Energy & the Environment:

This course will enable teachers to teach science content required by the Massachusetts Science and Technology/Engineering Framework, as expected by the MCAS. Specific content topics will include describing forms energy, conservation of energy, solar energy, bio-energy, and wind energy. Mathematics instruction is integrated seamlessly throughout the entire course. Students will improve their content knowledge through the use of inquiry-based methods of instruction in a hands-on learning environment. Teachers will adopt the institute's methods and content by working with classroom materials and curriculum, creating their own activities, and engaging their students. Discussions will provide feedback from colleagues and help to improve their lesson plans. This course will be held at Bridgewater State College.

Spring 2009 Semester