



EXPLORATION OF ALTERNATIVE ENERGIES HONORS

Description

In this class, students study the interrelationship between science, technology, and human activity. This course combines principals of physics, chemistry, and environmental science in exploration of renewable technologies (wind, water, biomass, and solar). Laboratory-based experiences and explorations include building energy efficient homes, solar panels, wind turbines, and creating biodiesel from waste vegetable oil while fostering a deeper understanding of new technologies needed for green jobs.

Special requirements

Prerequisite: Earth/Environmental Science

Course Fee: \$30.00

Student costs/Materials to be supplied by students

In lieu of textbook, students may have to print certain articles.
Approximate cost of course materials is \$30 plus occasional incidentals

Other information

This class is heavily “hands-on” with activities and group projects as students explore renewable technologies. Students work in groups to build projects and solve problems.

This is the science class for the changing world to prepare students for the new technologies needed for “green jobs,” while studying the interrelationship between science, technology, and human activity and how they can affect the world,