

PRE-VOCATIONAL SELF-CONTAINED SCIENCE CONCEPTS
GRADES 11-12
(2 Semesters)

COURSE OVERVIEW

This hands-on class covers units related to the physical sciences experienced in daily life. Students will explore the relationships between science and math and how they affect the world we live in.

UNITS OF ENERGY:

Energy, Gravity, Environment, Weather, Sound/Light, Magnets, Scientific Methods

STUDENT OUCOMES:

- | | |
|----|--|
| 1. | Students will learn basic knowledge and skills related to the physical sciences. (12C, 12D) |
| 2. | Students will learn how to apply the scientific method in lab experiments. (11A, 13A) |
| 3. | Students will continue to develop and reinforce reading, writing, listening, math, and study skills. |
| 4. | Students will increase their awareness of the scientific world around them. (13.B) |

MAJOR LEARNING EXPERIENCES TO ACHIEVE OUTCOMES:

- | | |
|----|--|
| 1. | Students will participate in community experience. |
| 2. | Students will participate in hands-on lab experiences. |

ADOPTED TEXT OR PRINCIPAL MATERIALS USED:

Bernstein, Schachter, Winkler, and Wolfe. *Concepts and Challenges in Life Science*.
Globe Fearon, 1998. (adopted 1999)