

**J. Sargeant Reynolds Community College  
Course Content Summary**

**Course Prefix and Number:** NAS 105

**Credits:** 2

**Course Title:** Natural Science Topics for Modern Society

**Course Description (including lecture hours, lab hours, total contacts)**

Emphasizes the method of the scientific disciplines as applied to selected topics pertinent to modern society. Lecture 2 hours per week.

**General Course Purpose**

This is broad-based science course that explores the inter-relatedness of the life and physical sciences. It is designed specifically to fulfill the science requirements for students in the Dental Laboratory Technology AAS degree program. The credits earned in this course do not satisfy the requirements of the Science AS degree or the science requirements of any of the transfer programs.

**Course Prerequisites/Corequisites** (*Entry-level competencies **required** for enrollment*)  
none

**Course Objectives** (Each item should complete the following sentence.)

Upon completing the course, the student will be able to:

1. Recognize the general principles that distinguish scientific enquiry.
2. Identify the laws of chemistry and physics and relate them to current applications.
3. Recognize the relationship between chemistry, physics and biological systems.

**Major Topics to be Included**

- a. Nature of scientific inquiry
- b. Basic principles of physics
- c. Basic principles of chemistry
- d. Biological systems

**Effective Date of Course Content Summary (Month, Date Year):** 02/16/09