

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

Course Prefix and Number: BIO 100

Credits: 3

Course Title: Basic Human Biology

Course Description: Presents basic principles of human anatomy and physiology. Discusses cells, tissues, and selected human systems. Not intended for students in college transfer AA or AS degrees. Prerequisite: Completion of ENF 2, if required by placement test or instructor/ advisor approval. Lecture 3 hours per week.

General Course Purpose: This course will help prepare students for allied health courses and careers.

Course Prerequisites and Co-requisites:

Prerequisite: Completion of ENF 2, if required by placement test or instructor/advisor approval.

Course Objectives:

Upon completing the course, the student will be able to

- a. Articulate an understanding of the fundamental interaction of normal body structure and function; and
- b. Apply the terminology used to describe normal body structure and function.

Major Topics to Be Included:

- a. Cells and tissues
- b. Integumentary system
- c. Skeletal system
- d. Muscular system
- e. Nervous system
- f. Endocrine system
- g. Circulatory system
- h. Digestive system
- i. Urinary system
- j. Reproductive system
- k. Immune system

Effective Date of Course Content Summary: August 15, 2012