The body is composed of 11 important organ systems. The circulatory and Nervous System were studied in detail as part of the fall semester, as was the excretory system and immune systems. The spring semester will include the structure and function of the respiratory, digestive, and endocrine systems. It will also include the integumentary, skeletal, muscle and reproductive systems. We will consider the changes that occur with these systems as the body ages.

Handouts will be used as a guide to weekly content. Lecture, class discussion and You-tube videos will be utilized during presentation of the material. Questions are always welcome.

2/4 Introduction to the course. Levels of organization - chemical, cellular, tissue, organ, system and organism.
2/11 Homeostasis and communication within the body. Overview of aging.
2/18 Integumentary system – skin the largest organ
2/25 Respiratory system – airways and lungs, gas exchange
3/3 Digestive system - gastrointestinal tract
3/10 Endocrine system – role in homeostasis
3/24 Skeletal system – bones, joints and connections, range of motion
3/31 Muscular system – muscle contraction and relaxation - movement
4/7 Reproductive system – male and female, meiosis, changes with aging
4/14 Summary of changes that occur with aging.