Anatomy and Physiology

**College Credit Final Test Study Guide**

Homeostasis: definition and purpose

Three types of muscles and where they are

Ball and socket joint

Tissue structure (cell to organ system)

Nervous System

Job and structure of a nerve cell

Peripheral vs. central nervous system

Pathway of a reaction

Inter, sensory and motor neurons

Senses

Chemoreceptors – types and use

Photoreceptors – types and use

Olfactory Receptors and taste buds – use

Tastes

Ear bones, names and jobs

Sound travel through the ear

Light path in eye

Endocrine System

Job of the endocrine system and how it communicates

Positive vs. Negative feedback loop with examples

The blood sugar process

Circulatory System

Map of blood flow

Major arteries, names and locations

Job of all parts of the heart

Systole vs diastole

Blood pressure, definition and numbers, High vs. Low

Cardiac cycle definition

Respiratory System

Map and function of each structure