



# Chapter 5 Skeletal System

Biology 112

Tri-County Technical College

Pendleton, SC

# Skeletal System Functions

- Functions of the skeletal system are:
  - Support
  - Protection (limited to be sure)
  - Movement (because of muscular system)
  - Storage
  - Blood cell formation (hematopoiesis)

# Divisions of the Skeletal System

- **AXIAL SKELETON** consists of bones that form longitudinal axis of body (skull, bones associated with skull, thoracic cage, and vertebral column)
- **APPENDICULAR SKELETON** includes all the bones of the limbs and the **PECTORAL** and **PELVIC** girdles that attach limbs to the trunk