

Anatomy Course Notes

Introduction to Anatomy

Definition:

- Study of the structure of body parts and their relationships.

Branches:

- Gross/Macroscopic, Microscopic, Developmental

The Skeletal System

Functions:

- Support, movement, protection, blood cell production, calcium storage.

Bone Types:

- Long (femur), Short (carpals), Flat (sternum), Irregular (vertebrae)

Muscular System

Muscle Types:

- Skeletal (voluntary movement), Smooth (organ walls), Cardiac (heart).

Functions:

- Movement, posture, joint stability, heat production.

Nervous System

Components:

- Brain, spinal cord, nerves.

Functions:

- Regulates and controls body functions, sensory response, motor response.