

ORTH 101C : Orthopaedic Anatomy and Physiology I

An introduction to the anatomy and physiology of the musculoskeletal system and related structures. Attention will be directed toward structural make-up, group composition, relationships, and location of each bone. Common fractures and treatments will be discussed in detail. Also covered will be normal and abnormal growth and development and the response to injury and disease, as well as the response of related structures to the mechanisms of injury and disease.

Credits 3

Lab/Practicum/Clinical Hours 0

Lecture Hours 3

Learning Outcomes

- List the classifications of bones and the functions of the axial and appendicular skeletal systems.
- Describe the formation of blood cells, bone and cartilage.
- Identify common fractures, orthopaedic disorders, sprains, and strains.
- Identify all bones of the vertebral column, thoracic cage, pectoral girdle, upper and lower extremity, and all joints.