

Day 09 – 3/5/14

## Student Learning Objectives

By the end of this class you will be expected to understand:

- The bones of the three regions of the axial skeleton
- The bones that form the three largest joints of the appendicular skeleton
- The structure of a major synovial joint
- The differences between the different types of joint injuries

Support videos:

- Bones of the Human Body
  - <http://www.youtube.com/watch?v=HYv3yArIJuc>
- Joint Movement
  - <http://www.youtube.com/watch?v=P9VPVg7WY9Y>
- Joint Injury
  - <http://www.youtube.com/watch?v=lpIOMuqXWrE>

Assigned reading:

- Chapter 5: p113-117

Vocabulary:

- Skull
- Vertebra
  - Vertebral column
  - Spinal cord
- Ribcage
- Pectoral girdle
  - Sternum
  - Clavicle
  - Scapula
  - Humerus
- Pelvic girdle
  - Os coxae
  - Femur
  - Patella
  - Tibia
- Joint
  - Synovial joint
  - Hinge joint
  - Ball-and-socket joint
  - Bursa
- Joint injury
  - Sprain
  - Bursitis
  - Tendonitis
  - Arthritis
    - Rheumatoid arthritis
    - Osteoarthritis