

Anatomy and Physiology I

Learning Guide: Articulations

Overview – With the study of Articulations, we note an intersection between bones, muscles, and connective tissues; giving rise to contact points between bones and other structures. In this module, we cover the classification of articulations, but with a particular focus on Synovial joints. We will also go over joint movements.

Learning Objectives

- Identify the various classification of joints structurally, functionally, and by location.
- Identify the components of a synovial joint.
- Define and identify synovial joint movements.
- Identify three major synovial joints.
- Identify the components of three major synovial joints.

Getting Started – You may find some of the terminology associated with various joints in this unit to be unusual. It would therefore be prudent to practice using the terminology while viewing images of the joints. Regarding joint movements, view the videos, and watch me doing the movements. It is then suggested that you repeat the movements yourselves. For the major articulations, use the image bank and the videos to practice identifying joint parts regarding name and function.

Exam – Note the points below

- **Joint Movements (a short laboratory component)** - If your course is synchronous (in-class - face to face), I will do the actions, and you will identify them. If your class is asynchronous (online), there will be another appropriate way to assess understanding and identification of joint movements. So, watch and do the movements yourself.
- **Illustrations** – there are several illustrations of joints on the exam. Make your approach visual.
- **Fill in the Blanks** – there are several fill in the blank questions. Note there is some unusual terminology

Laboratory – Watch and repeat the joint movements.

Final Points – This is a short module: the videos are a total of about one hour. The study of the articulations is best approached visually. Use the image bank as

well as other resources to reinforce the discussions on the outline. It is also important to *be specific* regarding the terminology presented.