

# Module 7 LO1

## Joint Classifications

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[Video recording link](#)

# 1. What Is a Joint?

- Terms:
  - Joint
  - Articulation
  - Arthrosis
- Arthrology
- Kinesiology

# Joint Classifications: General Points

- Classification schemes used today are based upon:
  - Structure of the joint (connecting tissues between the neighboring bones)
    - A. Fibrous joints – dense irregular connective tissue
    - B. Cartilaginous joints – uses cartilage between bones
    - C. Synovial joints – lubricated cavity that contains connective tissue and cartilage
  - Function of the joint
    - a. Synarthrosis – immovable joint
    - b. Amphiarthrosis - slightly movable joint
    - c. Diarthrosis – freely movable joint

# Ligaments

- Dense regular or irregular connective tissue
- Binds bone to bones
- Come in a variety of forms and are integral parts of joints
- Serve as:
  - Intrinsic binding structures of the joint itself
    - Ex. Sutural ligament of skull, periodontal ligament of teeth
  - Extrinsic supporting bands – stabilize while limiting range of motion
    - Ex. Anterior cruciate ligament of knee

