

Spokane Falls Community College
COURSE LEARNING OUTCOMES

Prefix and Course Number: PTA 202
Course Title: Introduction to Orthopedics
Version Date: 10/4/2019

Course Learning Outcomes

Upon successful completion of the course, the student will be able to:

1. Identify and/or describe the normal anatomy and pathology of the musculoskeletal system as it pertains to this course.(7B)
2. Explain/describe the pathology and physiology of repair including diagnostic/treatment (surgical and non-surgical) measures for the following conditions that are commonly see in patients across the lifespan: (7B)
 - a. Fracture/dislocation,
 - b. Muscluloskeletal injuries and diseases,
 - c. Tumors,
 - d. Infection of bone and soft tissue.
3. Differentiate between musculoskeletal conditions and treatment relating to a variety of specific diagnoses that are not primarily musculoskeletal in nature (neurologic, vascular, muscle disease, infection, arthritis).(7B)
4. Compare and contrast musculoskeletal conditions including diagnostic/treatment (surgical and non-surgical) of the spine across the lifespan including pediatrics for the following
 - a. Disc, bone, joint(7d23g)
 - b. Soft tissue involvement(7d23h)
 - c. Postural issues (7D23k)
5. Identify and discuss the musculoskeletal conditions of the upper (shoulder, elbow, wrist/hand) and lower extremity (hip, knee, ankle/foot), including bone, joint, and soft tissue injury and involvement commonly seen by the PTA. (7B)
6. Analyze a musculoskeletal research article and identify basic concepts in the professional literature article including, but not limited to, validity, reliability and level of statistical significance. (7D10)