

ORTH 103C : Basic Radiology Interpretation

Covers the history of radiology and gives the student the basics of radiographic image production. Students will be introduced to the viewing and interpretation of plain orthopaedic radiographs, MRIs, and other types of permanent imaging relating to orthopaedics and terminology relating directly to the skeletal system and fracture healing and describing a fracture as it relates to the radiographic image.

Credits 3

Lab/Practicum/Clinical Hours 0

Lecture Hours 3

Learning Outcomes

- Discuss the history of x-rays.
- Understand how a radiographic image is produced and the danger of radiation.
- Identify common fractures on x-ray image.
- Identify abnormalities on vertebral column, thoracic cage, upper and lower extremity, pelvic girdle, and pectoral girdle x-rays.
- Identify abnormalities on joint x-rays.