

Course Objectives/Course Outline
Spokane Community College

Course Title: Radiographic Positioning I

Prefix and Course Number: RAD 111

Course Learning Outcomes:

By the end of this course, a student should be able to:

- Demonstrate competence in the identification of a diagnostic projection
- Demonstrate identification of anatomical parts
- Perform diagnostic positioning relative to the patient's symptoms and physicians' requests

Course Outline:

- I. Routine Chest X-rays
 - A. Equipment Shielding
 - B. Routine Positions
 - C. High kVp, grid, 72" SID
- II. Routine Abdominal Series
 - A. Technical Factors
 - B. Respiration
 - C. Radiographic Positions
 - D. Use of Retention Bands
- III. Upper Limb
 - A. Anatomy
 - B. Technical Factors/Shielding
 - C. Radiographic Positioning
- IV. Lower Limb
 - A. Anatomy
 - B. Technical Factors/Shielding
 - C. Radiographic Positioning
- V. Pelvic Girdle
 - A. Anatomy
 - B. Technical Factors/Shielding
 - C. Radiographic Positioning
- VI. Shoulder Girdle
 - A. Anatomy
 - B. Technical Factors/Shielding
 - C. Radiographic Positioning
- VII. Bony Thorax
 - A. Anatomy
 - B. Technical Factors/Shielding
 - C. Respiration
 - D. Radiographic Positioning

- VIII. Vertebral Column
 - A. Anatomy
 - B. Landmarks
 - C. Technical Factors/Shielding
 - D. Radiographic Positioning