

**Course Objectives/Course Outline**  
**Spokane Community College**

---

---

**Course Title:** Mobile/Surgical Procedures

**Prefix and Course Number:** RAD 127

---

**Course Learning Outcomes:**

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

- Identify the different types of mobile machines and their capabilities
- Identify the different mobile radiology procedures
- Identify the different surgical procedures
- Describe the types of sterile techniques in the surgical suite
- Identify types of fractures and signs of fractures
- Describe trauma radiology

**Course Outline:**

- I. Introduction to Portable Procedures
  - A. History
  - B. Machines and Equipment
  - C. Technique Charts
- II. Performing Exams in the Patient's Room
  - A. Gathering Information Before the Exam
  - B. Initial Steps
  - C. Assessing the Patient
  - D. Placement of the Receptor
  - E. Types of Patient Beds/Equipment
  - F. Radiation Protection
- III. Post Exam Procedures
- IV. Performing Exams in the Neo-natal Area
  - A. PPE and Routine for the Nursery
  - B. Types of Exams
- V. Procedures
  - A. Chest
  - B. Abdomen
  - C. Extremities
- VI. Surgical Procedures
  - A. Sterile Technique
  - B. Attire
  - C. Types of Exams
  - D. C-arm Procedures
- VII. Fractures
  - A. Types and Definitions
  - B. Signs of Fractures

- VIII. Trauma Radiology
  - A. Terms and Definitions
  - B. Basic Principles of Positioning
  - C. Types of Accidents/Collisions
- IX. Forensic Procedures
  - A. The Uses of Forensic Radiology
  - B. Child Abuse
  - C. Post-mortem Exams
  - D. Techniques—Post-mortem