

Course Objectives/Course Outline
Spokane Community College

Course Title: Pharmacology/Venipuncture

Prefix and Course Number: RAD 235

Course Learning Outcomes:

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

- Demonstrate knowledge of medications and contrast medias
- Converse effectively with medical personnel using various pharmacological terminologies
- Describe various types of medications that may be used during an emergency situation
- Describe the important pharmacological principles
- Demonstrate proper patient care
- Describe the five rights of drug administration
- Differentiate between the various methods of administration of drugs

Course Outline:

- I. Pharmacology
 - A. Role of the Imaging Professional
 - B. Principles of Pharmacology
 - C. Biopharmaceutics and Pharmacokinetics
 - D. Pharmacodynamics
 - E. Classifications, Chemistry and Pharmacology Contrast Agents
 - F. Pharmacodynamics of Radiopaque Contrast Media
 - G. Route of Drug Administration
 - H. Infection Control
 - I. Pharmacology of Emergency Medications
- II. Venipuncture
 - A. Equipment
 - B. IV Lines
 - C. IV Medication Administration
 - D. Charting