

Course Objectives/Course Outline
Spokane Community College

Course Title: Diagnostic Ultrasound IV - Superficial Structures Sonography
Prefix and Course Number: SONO 142

Course Learning Outcomes:

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

Applications of ultrasound in the assessment of normal structures and pathology found within the areas of neck, thyroid, prostate, scrotum, breast, and musculoskeletal structures. Emphasis is placed on the sonographic identification of anatomy and pathophysiology using sonographic techniques. Laboratory experience is provided and required.

- Describe the anatomy, physiology, laboratory tests, examination techniques and pathology of the thyroid gland, prostate, scrotum, breast, and musculoskeletal structures
- Identify generally accepted protocols for obtaining high quality ultrasound images.
- Accurately identify ultrasound images of normal small parts structures.
- Demonstrate basic scanning skills of small parts on volunteer subjects and MedSim Simulator.
- Demonstrate appropriate level of professional skills in interaction with volunteer subjects to comply with HIPAA guidelines and the Notice of Privacy Practices.

Course Outline:

- I. Class lecture and handouts.
- II. PowerPoint slides of sonograms, diagrams, documents and pertinent case studies.
- III. Lab activities and assignments including ultrasound scanning.
- IV. Small group discussions and presentations.