

Course Objectives/Course Outline
Spokane Community College

Course Title: Survey of Diagnostic Medical Sonography

Prefix and Course Number: VASC 142

Course Description:

A survey of basic diagnostic medical sonography with an emphasis on normal abdominal and superficial structures anatomy and abnormal disease states. Standard sonographic imaging techniques of abdomen and superficial structures, instrumentation and examination protocols will be reviewed. Laboratory experience is required.

Course Learning Outcomes:

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

- Identify normal anatomy of the abdominal organs and superficial structures.
- Recognize abnormal disease states related to the major abdominal organs and superficial structures.
- Recognize the sonographic appearance of abdominal and superficial structure anatomy and disease states.
- Perform limited diagnostic medical sonographic examinations on the abdomen and superficial structures.

Course Outline:

- I. Normal anatomy of abdomen and superficial structures
- II. Pathophysiology of abdominal organs and superficial structures
- III. Sonographic evaluation of normal and abnormal abdominal organs and superficial structures
- IV. Develop diagnostic medical sonography imaging skills