

Print Date: 3/27/19

Course Objectives/Course Outline
Spokane Community College

Course Title: Echo Fundamentals Lab

Prefix and Course Number: VASC 130

Course Learning Outcomes:

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

- Image and identify gross and tomographic anatomy
- Identify normal cardiac anatomy within the heart
- Describe in anatomical terms the location of different anatomic structures in relationship to other anatomic structures
- List the items of a scanning protocol in order without a printed copy
- Label and measure 2D, M-mode, and Doppler information accurately
- Correctly implement the major modes of ultrasound (2D, M-mode, Color Doppler, and Spectral Doppler)
- Recognize artefactual interference and correct it

Course Outline:

- I. Protocol review and test
- II. Demonstration of echocardiogram
- III. Progressive building of the protocol each week
- IV. Introduction of imaging modes (2D, M-mode, Color Doppler, and Spectral Doppler)
- V. Final practical exam