

Print Date: 6/23/23

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

Course Title: Introductory Echocardiography Technical Skills

Prefix and Course Number: ECHO 105

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
- 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)

Course Outline:

- I. Protocol review
- 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