

## **Course Objectives/Course Outline**

### **Spokane Community College**

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**Course Title: Technical Skills Echocardiography I**

**Prefix and Course Number: ECHO 254 – Revised as of Fall 2023**

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**Learning/Performance Expectations (e.g., outcomes, performance objectives, competencies, etc.)**

By the end of this course, a student should:

#### COURSE DESCRIPTION

The student will develop basic skills in performing the Doppler Echo examination on students, faculty and other outside volunteers. All procedures are performed under the supervision of credentialed cardiac sonographers.

#### COURSE OBJECTIVES

Upon completion of this course the student will be able to:

1. Perform a complete M-Mode and Two-dimensional echocardiogram demonstrating each of the standard views and correct measurements to assess function.
2. Integrate the PW and CW doppler techniques into the exam, including measurements for wall thickness, ejection fraction and diastolic function.
3. Quantitate the M-Mode, Two-dimensional and Doppler echocardiogram through reporting system.