

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

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**Course Title:** Echocardiography II

**Prefix and Course Number:** ECHO 263

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**Course Description**

*A continued study of cardiac noninvasive diagnostics with emphasis on the new developments and specialty applications. This course includes the echocardiographic approach to congenital heart disease. Physician lectures are utilized. Students will present registry review topics. Statistics and research methods are utilized.*

**Course Learning Outcomes:**

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

- Apply the principles of M-mode, Two-dimensional, and Doppler echocardiography in the evaluation of congenital heart disease.
- Identify and explain the pathophysiology of congenital heart disease as demonstrated on the M-mode, Two-dimensional, and Doppler echocardiograms.
- Evaluate current literature for Registry Review presentation
- Prepare a resume and conduct an employment search

**Course Outline:**

- I. Echocardiographic Evaluation of Congenital Heart Disease
- II. Recent Advances in M-mode, Two-dimensional and Doppler Echocardiography
- III. Statistics, Research and Quality Control in the Noninvasive Cardiovascular Laboratory
- IV. Registry Review presentations
- V. Resume and employment search