

Print Date: 6/3/15
Course Objectives/Course Outline
Spokane Community College

Course Title: Core Concepts in Echo Vasc
Prefix and Course Number: ECHO 131

COURSE DESCRIPTION:

The core concepts in cardiac and vascular imaging will be explored. Applications of blood flow and hemodynamic analysis using Doppler and imaging technologies. Review of current literature and standards documents will be conducted.

Course Learning Outcomes:

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

- Describe the similarities and differences in cardiac and vascular imaging.
- Perform and analyze qualitative and quantitative measurements of blood flow and hemodynamics in both the heart and vascular system.
- Apply published standards to the assessment and performance of echocardiographic and vascular procedures.
- Read, analyze, and apply current literature in the fields of Echocardiography and Vascular Technology

COURSE UNITS:

- I. Compare and Contrast Cardiac and Vascular Imaging
- II. Assessment of blood flow and hemodynamic analysis
- III. Review Standards Documents
- IV. Review Current Literature