

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

Course Title: **Cardiopulmonary Pathophysiology**
Prefix and Course Number: **ECHO 252**

Course Learning Outcomes:

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

- Describe the relative merits of various imaging techniques in cardiovascular disease diagnosis and management.
- Identify and describe the following disease states in the cardiovascular patient:
 - a. Vascular disease
 - b. Acute coronary syndrome
 - c. Valvular heart disease
 - d. Cardiomyopathy
- Describe the diagnostic imaging findings in the above referenced disease states.
- Describe and apply effective patient history and physical exam techniques in the cardiovascular patient.

Course Outline:

- I. Relative Merits of Imaging Techniques
- II. Vascular Anatomy and Evaluation
- III. Vascular Interventions
- IV. The History and Physical Examination in the Cardiovascular Patient
- V. Acute Coronary Syndrome
- VI. Valvular Heart Disease Etiology and Pathophysiology
- VII. The Cardiomyopathies