

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

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**Course Title:** Cardiovascular Pathophysiology

**Prefix and Course Number:** VASC 256

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**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