

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

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**Course Title:** Electrocardiography

**Prefix and Course Number:** ECHO 213

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**Course Learning Outcomes:**

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

- Describe the three primary components of the cardiovascular field of practice
- Identify Major components of the cardiovascular system
- List cardiovascular functions and explain the physiology
- Identify basic cardiac arrhythmias
- Identify chamber enlargement, injury and infarction patterns

**Course Outline:**

- I. The Cardiovascular Field of Practice
  - A. Invasive
  - B. Noninvasive
  - C. Peripheral Vascular
- II. Fields of Practice
- III. Major Components
  - D. Cardiac Chambers
  - E. Valves
  - F. Major Vessels
- IV. Cardiovascular Functions
- V. Electrophysiology of the Heart
- VI. The Electrocardiogram
- VII. Cardiac Arrhythmias
- VIII. Electrocardiogram Patterns
  - A. Chamber Enlargement
  - B. Injuries
  - C. Infarction