

**Western Dakota Technical Institute  
800 Mickelson Dr.  
Rapid City, SD 57703-4018**

**Master Syllabus**

**Course Number:** FFP 115  
**Course Name:** Paramedic Cardiology  
**Credits:** 5  
**Contact Hours:** 4 Lecture; 2 Lab

**Course Description:** This course consists of pulmonology, cardiology, 12-lead EKG, and advanced cardiac life support.

**Prerequisites:** Current CPR Card

**Grade Requirement:** A minimum grade of C must be earned in this course to be eligible to graduate from the Paramedic program and to progress to courses that require this course as a prerequisite.

**Textbooks:** <http://bookstore.wdt.edu>

**Materials:** None

**Student Learning Outcomes:**

- Review the anatomy and physiology of the respiratory and cardiovascular system
- Determine cardiac versus respiratory problems
- Understand a systems approach to respiratory emergencies
- Interpret 12-lead EKG's and other related arrhythmias
- Demonstrate knowledge and practical skills to complete simulated cardiac arrest

**Assessment:** The core ability of Employability will be taught throughout this course.

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