



## **SYLLABUS**

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### **CATALOG DESCRIPTION**

This course introduces the student to the basic concepts of physical and chemical operation of the organs and systems of the human body. Systems to include integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary and reproductive systems.

**Prerequisites:** Completion of RDNG-113 or appropriate Reading Accuplacer score

**Semester Offered:** All

#### ***Common Student Learning Outcomes***

*Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...*

##### **BROAD AND SPECIALIZED LEARNING**

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

##### **CRITICAL THINKING**

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

##### **CULTURAL AND CIVIC ENGAGEMENT**

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

##### **EFFECTIVE COMMUNICATION**

Students will exchange ideas and information with clarity in multiple contexts.

##### **INFORMATION LITERACY**

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

##### **INTEGRATING TECHNOLOGIES**

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

*Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.*

### **Course Learning Outcomes**

Upon successful completion of the course, the student will be able to...(numerical references are to AHIMA 2011 Curriculum Competencies for Health Information Management (HIM) Education at the Associate Degree Level)

1. Demonstrate knowledge of the human body, the chemistry of life, cell structure, metabolism, cellular reproduction, and tissues.
2. Differentiate terms for body regions, planes, cavities and membranes.
3. Identify the organs and basic structures of all systems listed under the course description.
4. Recognize the basic function of all organ systems
5. Demonstrate knowledge of the events in human development
6. Recognize the disease process and how it alters normal body function.

# **AHIMA Knowledge Clusters Included in Course**

## **Biomedical Sciences**

- Anatomy
- Physiology
- Medical Terminology
- Pathophysiology

**Revised October 10, 2017**