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# COURSE DESCRIPTIONS

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## HEALTH SCIENCES

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### **HSCI 1002: Phlebotomy Practicum**

Co-requisite with HSCI 1004 PHLEBOTOMY. This course is taught through laboratory, and clinical experiences. Students will learn to perform a variety of blood collection methods using proper techniques and precautions including vacuum collection devices, syringes, capillary skin puncture, butterfly needles, and finger sticks or heel sticks for young children and infants. Non-blood specimen collection practices are also covered.

Internship/Practicum

Ozark Malpractice Fee: \$16; Ozark Allied Health Fee: \$62.

### **HSCI 1004: PHLEBOTOMY**

Co-requisite with HSCI 1002 Phlebotomy Practicum. Highly encouraged to already have taken Medical Terminology and Human Anatomical Structure or have previous knowledge of the cardiovascular system. Students will learn how to prepare the blood collection site; choose the proper collection tools; and handle the transportation, processing and management of collected samples. Emphasis will be placed on infection prevention, proper patient identification, proper labeling of specimens, and quality assurance for proper laboratory procedures and in order to avoid contamination or infection of yourself and others. Medical and legal ethics as they related to phlebotomy services are also taught.

Lecture

Ozark Allied Health Fee: \$120.

### **HSCI 1113: Medical Terminology**

Medical Terminology is the study of the language of medical words that relate to the body systems, anatomical structures, and medical processes and procedures. This course includes medical word construction, definitions, spellings, and the use of terms in the medical field.

Ozark Allied Health Fee: \$93.

### **HSCI 1123: Human Anatomical Structure I**

This course is the first in a two semester sequence that covers the basic structure and function of human organ systems including mechanisms of homeostasis. The course presents concepts which will assist in the development of basic understanding of internal relationships within the human body. Specific topics include: body organization, basic biochemistry, cell biology, tissues, the integumentary, special senses, lymphatic, digestive and reproductive systems.

Ozark Allied Health Fee: \$93.

### **HSCI 1243: Human Anatomical Structure II**

Prerequisite: HSCI 1123 Human Anatomical Structure I.

This course is the second in a two semester sequence that covers the basic structure and function of human organ systems including mechanisms of homeostasis. The course presents concepts which will assist in the development of basic understanding of internal relationships within the human body. Specific topics include: skeletal, muscular, nervous, endocrine, blood, cardiovascular, respiratory and urinary systems.

Lecture: 3 hours, Ozark Allied Health Fee: \$93.