

# COURSE DESCRIPTIONS

## HEALTH INFORMATION TECHNOLOGY

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### **HIT 1103: Health Data Content and Structures**

The student will be introduced to the history of the health record, professional ethics, the function of the health information department, and to the organizational structure of the American Health Information Management Association (AHIMA). Exploration of the systems and processes for collecting, maintaining and disseminating primary and secondary health-related information including consent of the health record, documentation requirements, registries, indices, licensing, regulatory agencies, and forms.

Ozark Allied Health Fee: \$93.

### **HIT 1203: Information Systems in Healthcare**

Prerequisite: HIT 1103 Health Data Content and Structures

The purpose of this course is to provide students with knowledge and understanding of the various computer applications and information systems that are encountered in health information departments including the use of hardware and software in data collection, storage, analysis, and reporting. This course will also cover confidentiality and security measures to protect the electronic health record (EHR) as well as the importance of data quality, entry, integrity, and reliability.

Ozark Allied Health Fee: \$93.

### **HIT 1213: Legal Aspects of Health Information**

The student will be introduced to the principles of law affecting health information with an emphasis on the health record as a legal document. This course will provide an exposure to the American legal system, legal terminology, and statutes. Confidentiality and security of health information is addressed as are HIPAA regulations. Some other topics that will be discussed will include American Recovery and Reinvestment Act (ARRA), electronic health record, Federal Trade Commission's Red Flag Rules, informed consent, response to subpoenas, living wills, and organ donation.

Ozark Allied Health Fee: \$93.

### **HIT 1233: Pharmacology**

Prerequisites: HIT 1113.

This course is a basic introduction to the general concepts of pharmacology including use of drug references, principles of drug action and interaction, and drug administration. This course includes specific body systems and diseases and therapeutic drug applications to these body systems.

Ozark Allied Health Fee: \$93.

### **HIT 2103: Disease Processes**

Prerequisites: HSCI 1123 Human Anatomical Structure I and HSCI 1243 Human Anatomical Structure II.

Coverage of the nature of diseases and human conditions. Includes signs and symptoms, etiology, treatment, and prognosis of various diseases.

Ozark Allied Health Fee: \$93.

### **HIT 2213: Healthcare Delivery Systems**

Prerequisite: HIT 1103 Health Data Content and Structures.

A study of health record requirements such as documentation requirements, medical office procedures, accrediting agencies, and regulatory requirements in a nontraditional setting such as cancer registries, long term care, home health, hospice, mental health, dental care and rehabilitation. Terminology associated with healthcare delivery systems will be defined and current trends with healthcare delivery examined.

Ozark Allied Health Fee: \$93.

### **HIT 2233: Healthcare Analytics**

Prerequisite: HIT 1103 Health Data Content and Structures.

General principles of healthcare statistics with an emphasis in hospital statistics including definitions, sources, methods for collection and reporting, and analysis techniques to determine significance, reliability, validity, and/or manipulation.

Ozark Allied Health Fee: \$93.

### **HIT 2243: Diagnostic (ICD-10-CM) Coding**

Prerequisites: HSCI 1123 Human Anatomical Structure I and HSCI 1243 Human Anatomical Structure II and HIT 2323 Procedural (CPT) Coding.

This course is highly recommended to not be taken together with Procedural Coding. Introduces the student to the concepts of coding medical conditions and procedures. The student will gain entry-level proficiency in the techniques of coding using the ICD-10-CM and ICD-10-PCS (International Classification of Diseases, 10th revision, Clinical Modification) systems.

Lecture: 2 hours, Lab: 1 hour; Ozark Allied Health Fee: \$93.

### **HIT 2253: Healthcare Reimbursement Methodologies**

Prerequisite: HIT 1103 Health Data Content and Structures.

This course will examine the complex financial systems within the health care industry. The student will gain a thorough knowledge of the diverse reimbursement methodologies utilized throughout the governmental and private insurance entities with application through: (1) case studies and (2) information systems integrated into the course work.

Ozark Allied Health fee: \$93.

**HIT 2323: Procedural (CPT) Coding**

Prerequisites: HSCI 1123 Human Anatomical Structure I and HSCI 1243 Human Anatomical Structure II.

This course is highly recommended not to be taken together with Diagnostic Coding. Introduces the student to the concepts of coding medical procedures in the physician's office. The student will gain entry-level proficiency in the techniques of coding using the Concurrent Procedural Terminology (CPT) system.

Lecture: 2 hours, Lab: 1 hour: Allied Health Fee: \$93.

**HIT 2333: Healthcare Management**

Prerequisite: HIT 1103 Health Data Content and Structures.

This course provides students with an overview of concepts and issues related to healthcare leadership. Through the examination of management topics and healthcare situations, the student will explore the skills and knowledge needed to be successful in a diverse healthcare environment. Topics include healthcare leadership, organizational design as it relates to the uniqueness of healthcare organizations, managing professionals, and diversity in the workplace.

Ozark Allied Health fee: \$93.

**HIT 2343: Advanced Coding**

Prerequisite of HIT 2243 Diagnostic (ICD-10-CM) Coding with a grade of C or better.

This course is designed so that the student having mastered basic coding may now progress to implementing higher level coding and understands how coding impacts not only the immediate revenues of their facility, but also healthcare in general.

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

**HIT 2903: Professional Practice Experience**

Pre-requisites: HIT 1203 Information Systems in Healthcare, HIT 2243 Diagnostic (ICD-10-CM) Coding, and HIT 2303

A supervised field-based learning experience in a healthcare environment that combines study, observation, and professional experience. Enables students to apply educational, leadership, and communication concepts and theories in a practical context and to enhance professional knowledge and skills, experience the structure and dynamics of health information services, and to establish a network for future employment opportunities. PPE requires 120 hours of on-site experience and 15 lecture hours in the classroom.

Ozark Allied Health Fee: \$93.