

# Health Information Management

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## **HM100 Medical Terminology for Health Professionals**

**Cr-3**

This course includes a study of the language of medicine, including roots, prefixes and suffixes and the proper pronunciation and spelling of medical terms. All body systems and functions, including the structure, meaning, and use of medical terms related to diseases and operations of the human body are covered. An introduction to pharmacology (medications) is included. (Online Only)

## **HM101 Health Information Management Introductory Concepts**

**Cr-3**

This course includes a study of the health information management profession, functions, technologies, and purposes; health care delivery systems; health record content and documentation; data management, governance, privacy, and security; health law, including release of information processing; health information technologies; and healthcare information, including the health information exchange. (Online Only)

## **HM120 Pathophysiology and Pharmacology**

**Cr-3**

This course covers pathophysiological, pharmacological, therapeutic, and diagnostic aspects of medicine. It includes concepts and medical word components for body systems and disorders encountered in health care. Pathophysiology of the normal body systems is covered. Topics include pharmacological agents, diagnostic tests and interventions, pharmacological intervention selection, and value of laboratory tests. (Online Only) Prerequisites: BI110 Survey of Anatomy and Physiology and HM100 Medical Terminology for Health Professionals.

## **HM121 ICD-10-CM and ICD-10-PCS Coding**

**Cr-4**

This course includes a study of the ICD-10-CM and ICD-10-PCS clinical classification systems and the inpatient prospective payment system (IPPS), which utilizes Medicare-severity diagnosis-related groups (MS-DRGs). Topics covered include the assignment of ICD-10-CM and ICD-10-PCS codes according to the Centers for Medicare and Medicaid Services (CMS) official coding guidelines, assignment of DRGs and MS-DRGs, encoder software and references (e.g., AHA Coding Clinic), accuracy of coding and DRG assignment, and physician query process. (Online Only) Prerequisites: HM100 Medical Terminology for Health Professionals, and HM101 Health Information Management Introductory Concepts. Corequisites: HM120 Pathophysiology and Pharmacology.

## **HM122 Legal and Ethical Aspects of Health Information Management**

**Cr-3**

This course introduces the legal and ethical aspects of health information management with an emphasis on civil law and how health care settings are affected by law and non-governmental rulemaking bodies. Topics include the general study of law and an overview of ethics. (Online Only) Prerequisite: HM101 Health Information Management Introductory Concepts.

## **HM201 CPT and HCPCS Level II Coding**

**Cr-3**

This course is a study of the CPT and HCPCS level II coding systems and outpatient and physician office payment methodologies. Topics covered include assignment of CPT codes according to coding guidelines, HCPCS level II coding, ambulatory payment classifications, accuracy of coding and APC assignment, use of encoders and references, accuracy of computer-assisted coding assignment, and physician query process. (Online Only) Prerequisites: BI110 Survey of Human Anatomy and Physiology, and HM121 ICD-10-CM and ICD-10-PCS Coding.

## **HM202 Health Data and Quality Management**

**Cr-3**

This course includes a study of health care information requirements and standards, hospital and vital statistics, data quality and integrity, data analytics, quality management, and performance improvement. (Online Only) Prerequisites: HM121 ICD-10-CM and ICD-10-PCS Coding, HM122 Legal and Ethical Aspects of Health Information Management.

## **HM203 Electronic Health Record Management**

**Cr-3**

This course includes a study of health information technologies, information management strategic planning, analytics and decision support, consumer informatics, health information exchange, information integrity and data quality, and enterprise information management. (Online Only) Prerequisite: HM101 Health Information Management Introductory Concepts.

## **HM204 Alternate Care Health Information Management**

**Cr-3**

This course provides a comparative analysis of HIM practices and information management across the spectrum of health care settings. (Online Only) Prerequisite: HM121 ICD-10-CM and ICD-10-PCS Coding. Corequisite: HM201 CPT and HCPCS Level II Coding.

## **HM220 Health Information Management Leadership**

**Cr-3**

This course includes a study of health information management leadership. Topics include leadership roles, change management, work design and process improvement, human resources management, training and development, strategic and organizational management, financial management, ethics, project management, vendor/contract management, and enterprise information management. (Online Only) Prerequisites: HM202 Health Data and Quality Management and HM203 Electronic Health Record Management.

## **HM221 Reimbursement Methodologies**

**Cr-3**

This course includes a study of classification and coding systems, health information technologies, the revenue cycle and reimbursement, coding compliance, and clinical documentation improvement. (Online Only) Prerequisite: HM201 CPT and HCPCS Level II Coding.

## **HM230 HIT Professional Practice Experience**

**Cr-3**

This professional practice experience includes online laboratory assignments and projects and the completion of externally supervised activities in the health information department of a health care agency with adequate facilities to provide varied work opportunities. Students complete externally supervised activities under the supervision of a qualified Registered Health Information Administrator, Registered Health Information Technician, or other qualified personnel to whom they are assigned. The professional practice experience is designed to enable students to obtain actual work experience in health care agencies. Students will complete a minimum of 100 hours externally supervised activities, which can be completed on a full-time basis or part-time basis. Prerequisites: HM201 CPT and HCPCS Level II Coding, HM202 Health Data and Quality Management, HM203 Electronic Health Record Management, and HM204 Alternate Care Health Information Management. Corequisites: HM220 Health Information Management Leadership and HM221 Reimbursement Methodologies.

## **HM231 Health Informatics & Data Analytics**

**Cr-3**

This course provides a comprehensive understanding of how informatics and data management relate to the healthcare industry.

(Online Only). Prerequisites: HM202 Health Data and Quality Management