

**HEALTH INFORMATION TECHNOLOGY
COURSE DESCRIPTIONS**

**Work Exp/
Class Lab Clinical Credit**

HIT 110 Fundamentals of HIM **3 0 0 3**

Prerequisites: ENG 090, MAT 070, RED 090

Corequisites: None

This course introduces Health Information Management (HIM) and its role in healthcare delivery systems. Topics include standards, regulations and initiatives; payment and reimbursement systems, healthcare providers and disciplines; and electronic health records (EHRs). Upon completion, students should be able to demonstrate an understanding of health information management and healthcare organizations, professions and trends.

HIT 112 Health Law and Ethics **3 0 0 3**

Prerequisites: ENG 090, MAT 070, RED 090

Corequisites: None

This course covers legislative and regulatory processes, legal terminology, and professional-related and practice-related ethical issues. Topics include confidentiality; privacy and security policies, procedures and monitoring; release of information policies and procedures; and professional-related and practice-related ethical issues. Upon completion, students should be able to apply policies and procedures for access and disclosure of Protected Health Information and apply and promote ethical standards.

HIT 114 Health Data Sys/Standards **2 3 0 3**

Prerequisites: BIO 165, CIS

110, HIT 110, HIT 112, MED 121

Corequisites: BIO 166, DBA 110, HIT 122, MAT 140, MED 122

This course covers concepts and techniques for managing and maintaining manual and electronic health records (EHR). Topics include structure and use of health information including data collection and analysis, data sources/sets, archival systems, and quality and integrity of healthcare data. Upon completion, students should be able to monitor and apply system-wide clinical documentation guidelines and comply with regulatory standards.

HIT 122 Prof Practice Exp I **0 0 3 1**

Prerequisites: BIO 165, CIS 110, HIT 110, HIT 112, MED 121

Corequisites: BIO 166, DBA 110, HIT 114, MAT 140, MED 122

This course provides supervised clinical experience in healthcare settings. Emphasis is placed on practical application of curriculum concepts to the healthcare setting. Upon completion, students should be able to apply health information theory to healthcare facility practices.

HIT 124 Prof Practice Exp II 0 0 3 1

Prerequisites: BIO 166, DBA 110, HIT 114, HIT 122, MAT 140, MED 122

Corequisites: HIT 210, HIT 211, HIT 216, HIT 220, HIT 226

This course provides supervised clinical experience in healthcare settings. Emphasis is placed on practical application of curriculum concepts to the healthcare setting. Upon completion, students should be able to apply health information theory to healthcare facility practices.

HIT 210 Healthcare Statistics 2 2 0 3

Prerequisites: BIO 166, DBA 110, HIT 114, HIT 122, MAT 140, MED 122

Corequisites: HIT 124, HIT 211, HIT 216, HIT 220, HIT 226

This course covers maintenance, compilation, analysis, and presentation of healthcare statistics and research protocols and techniques. Topics include basic statistical principles, indices, databases, registries, vital statistics, descriptive statistics, research protocol monitoring, Institutional Review Board processes, and knowledge-based research techniques. Upon completion, students should be able to apply, interpret, and present healthcare statistics and utilize research techniques to gather and interpret healthcare data.

HIT 211 ICD Coding 2 6 0 4

Prerequisites: BIO 166, DBA 110, HIT 114, HIT 122, MAT 140, MED 122

Corequisites: HIT 124, HIT 210, HIT 216, HIT 220, HIT 226

This course covers ICD diagnostics and procedural coding conventions and guidelines for inpatient, outpatient and ambulatory care. Emphasis is placed on a comprehensive application of anatomy, physiology and interrelationships among organ systems. Upon completion, students should be able to accurately assign and sequence diagnostic and procedural codes for patient outcomes, statistical and reimbursement purposes.

HIT 214 CPT/Other Coding Systems 1 3 0 2

Prerequisites: HIT 124, HIT 210, HIT 211, HIT 216, HIT 220, HIT 226

Corequisites: HIT 215, HIT 222, HIT 280

This course covers application of principles and guidelines of CPT/HCPCS coding. Topics include clinical classification/nomenclature systems such as SNOMED, DSM, ICD-O and the use of encoders. Upon completion, students should be able to apply coding principles to correctly assign CPT/HCPCS codes.

HIT 215 Reimbursement Methodology 1 2 0 2

Prerequisites: HIT 124, HIT 210, HIT 211, HIT 216, HIT 220, HIT 226

Corequisites: HIT 214, HIT 222, HIT 280

This course covers reimbursement methodologies used in all healthcare settings as they relate to national billing, compliance, and reporting requirements. Topics include prospective payment systems, billing process and procedures, chargemaster maintenance, regulatory guidelines, reimbursement monitoring, and compliance strategies and reporting. Upon completion, students should be able to perform data quality reviews to validate code assignment and comply with reimbursement and reporting requirements.

HIT 216 Quality Management 1 3 0 2

Prerequisites: BIO 166, DBA 110, HIT 114, HIT 122, MAT 140, MED 122

Corequisites: HIT 124, HIT 210, HIT 211, HIT 220, HIT 226

This course introduces principles of quality assessment and improvement, and utilization, risk, and case management, in healthcare. Topics include Continuous Quality Improvement, and case management processes, data analysis/reporting techniques, credentialing, regulatory quality monitoring requirements, and outcome measures and monitoring. Upon completion, students should be able to abstract, analyze, and report clinical data for facility-wide quality management/performance improvement programs and monitor compliance measures.

HIT 220 Health Informatics & EHRs 1 2 0 2

Prerequisites: BIO 166, DBA 110, HIT 114, HIT 122, MAT 140, MED 122

Corequisites: HIT 124, HIT 210, HIT 211, HIT 216, HIT 226

This course covers EHR systems, design, implementation and application. Topics include EHR, Informatics, speech & imaging technology, information/network security & integrity, data dictionaries, modeling and warehousing. Upon completion, students should be able to facilitate usage of electronic health record systems and other technologies.

HIT 222 Prof Practice Exp III 0 0 6 2

Prerequisites: HIT 124, HIT 210, HIT 211, HIT 216, HIT 220, HIT 226

Corequisites: HIT 214, HIT 215, HIT 280

This course provides supervised clinical experience in healthcare settings. Emphasis is placed on practical application of curriculum concepts to the healthcare setting. Upon completion, students should be able to apply health information theory to healthcare facility practices.

HIT 226 Principles of Disease 3 0 0 3

Prerequisites: BIO 166, DBA 110, HIT 114, HIT 122, MAT 140, MED 122

Corequisites: HIT 124, HIT 210, HIT 211, HIT 216, HIT 220

This course covers disease etiology and organ system involvement, including physical signs and symptoms, prognoses, and common complications and their management. Topics include basic microbiology, basic pharmacology, and principles of disease. Upon completion, students should be able to relate disease processes to etiology, physical signs and symptoms, prognosis, and common complications and their management.

HIT 280 Professional Issues 2 0 0 2

Prerequisites: HIT 124, HIT 210, HIT 211, HIT 216, HIT 220, HIT 226

Corequisites: HIT 214, HIT 215, HIT 222

This course provides a comprehensive discussion of topics common to the health information profession. Emphasis is placed on application of professional competencies, job search tools, and preparation for the certification examination. Upon completion, students should be able to demonstrate competence in entry-level domains and sub domains for health information technologies.

*Approved by RCC Curriculum Committee 3/22/11
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